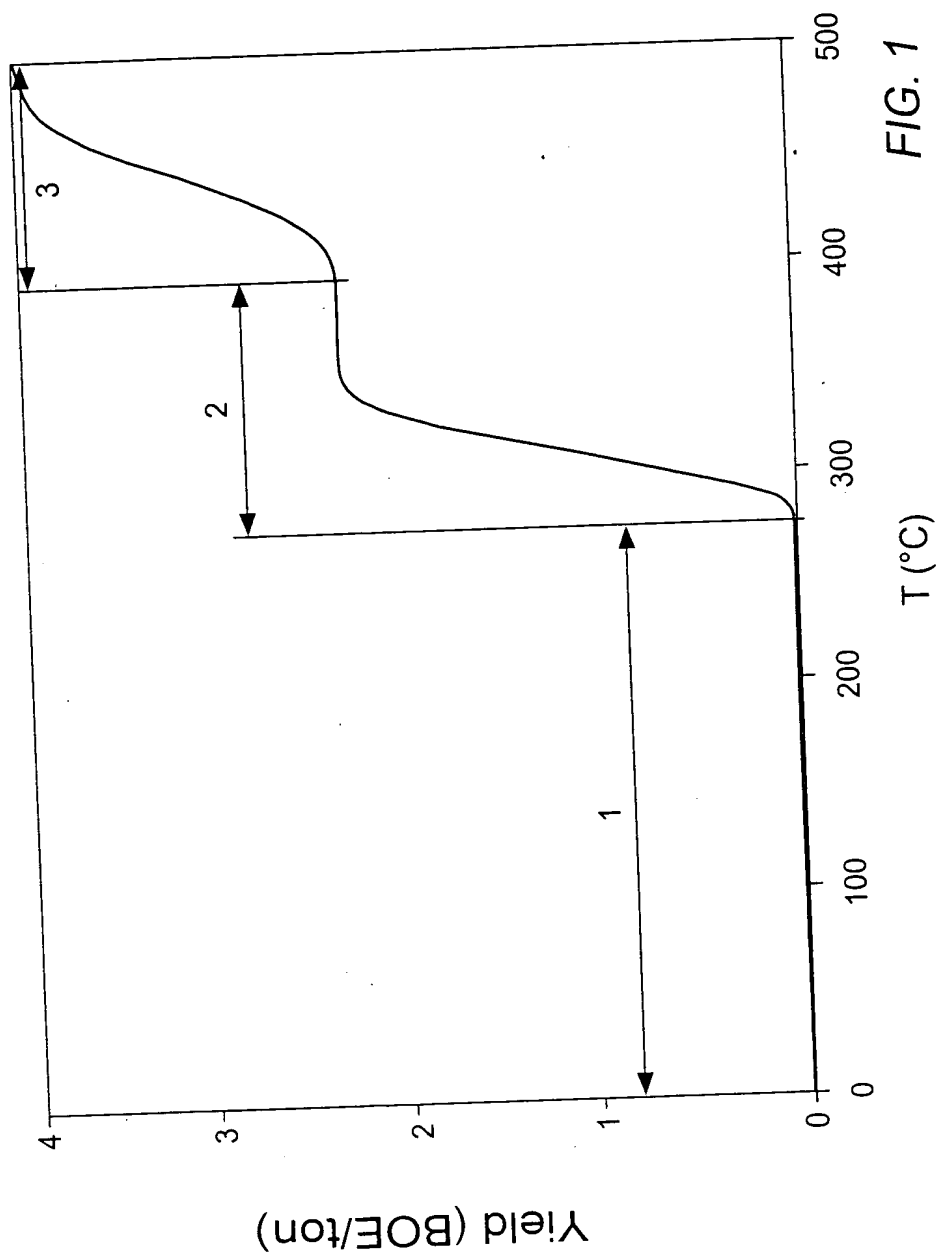


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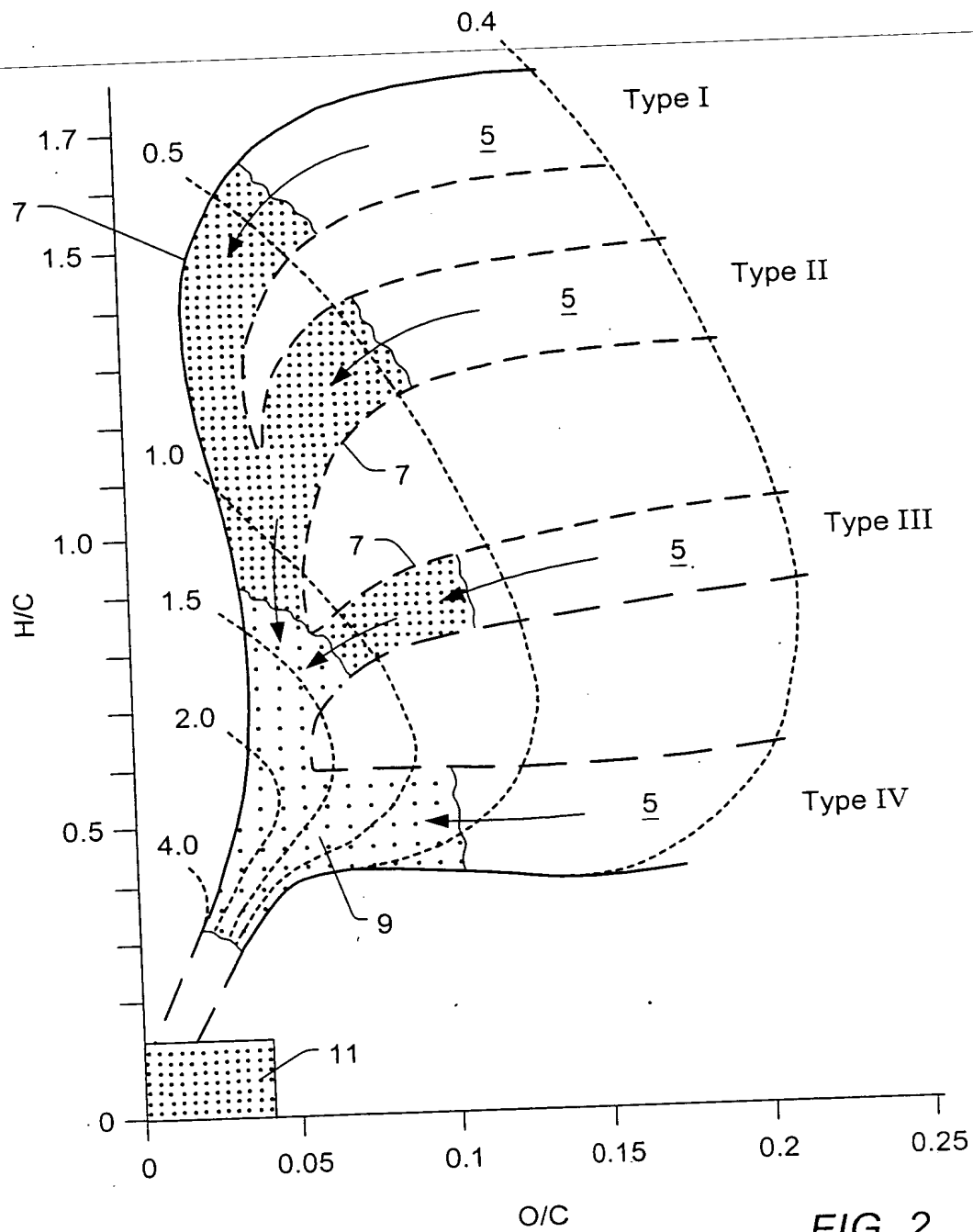


FIG. 2

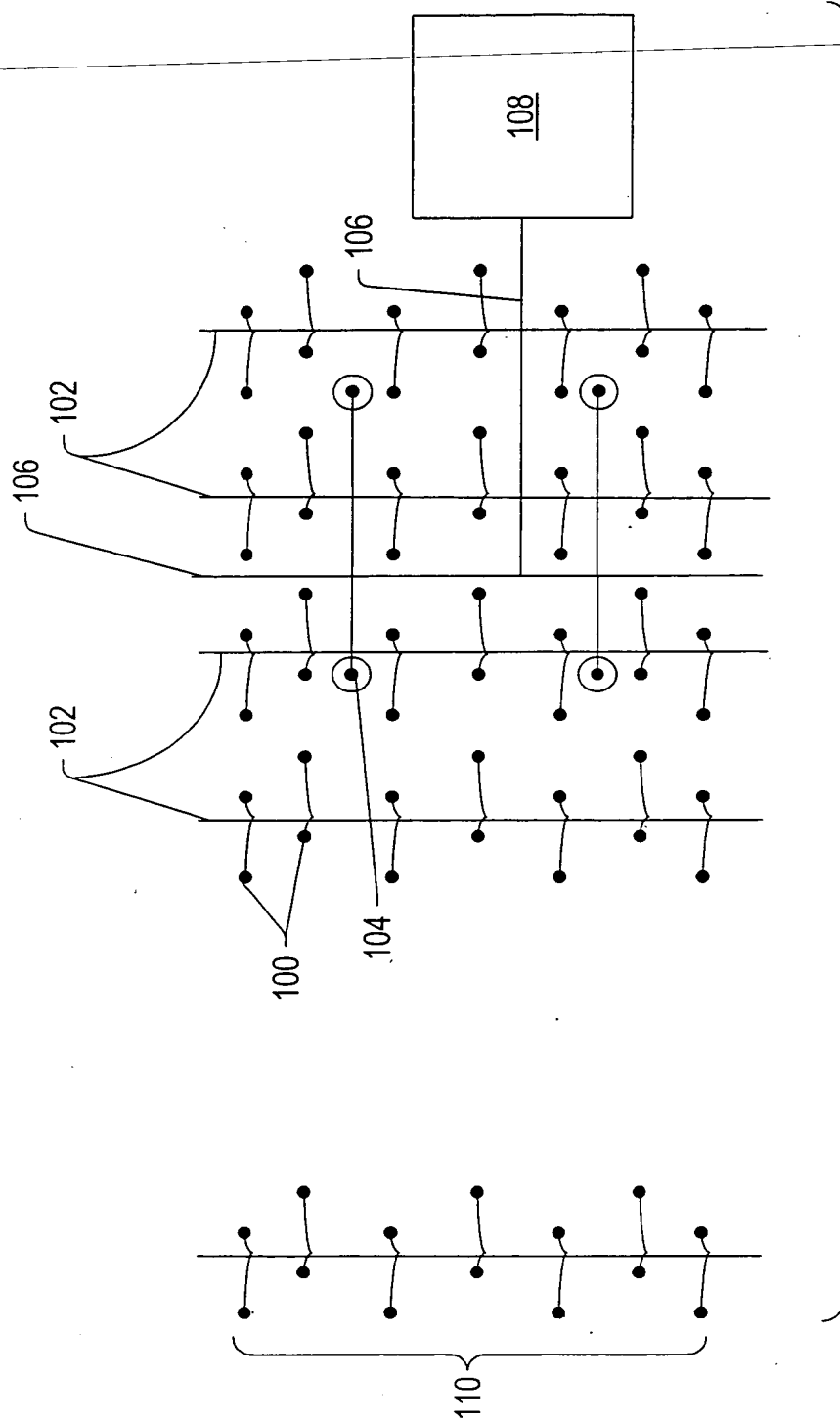


FIG. 3

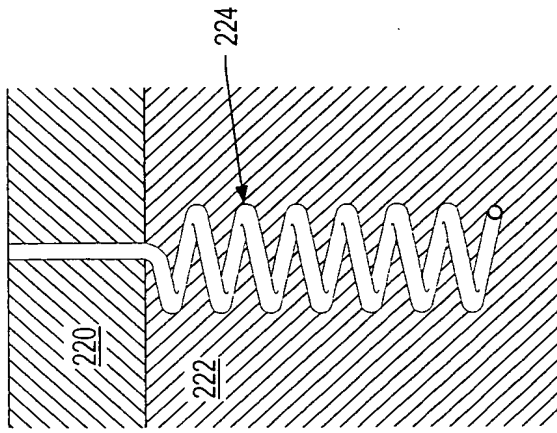


FIG. 3a

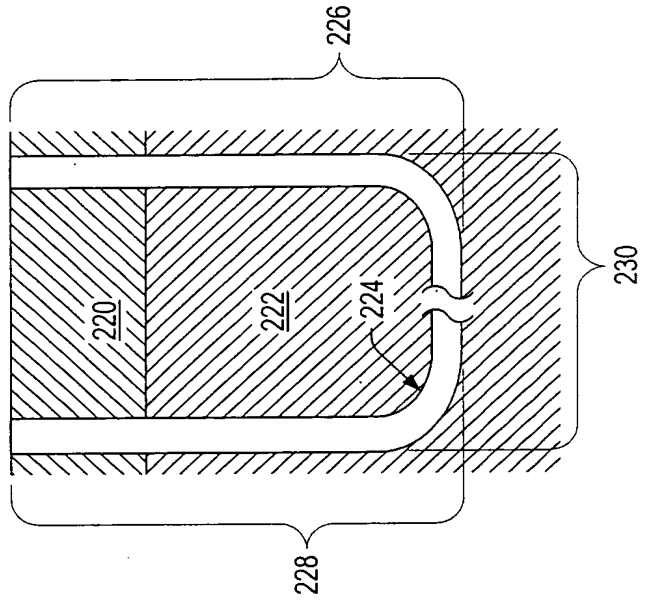


FIG. 3b

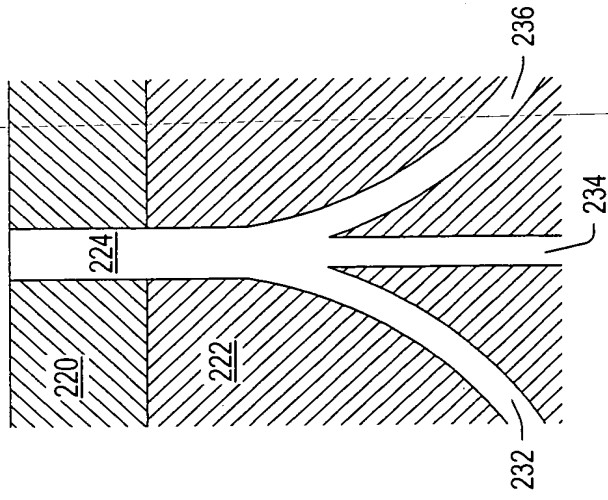


FIG. 3c

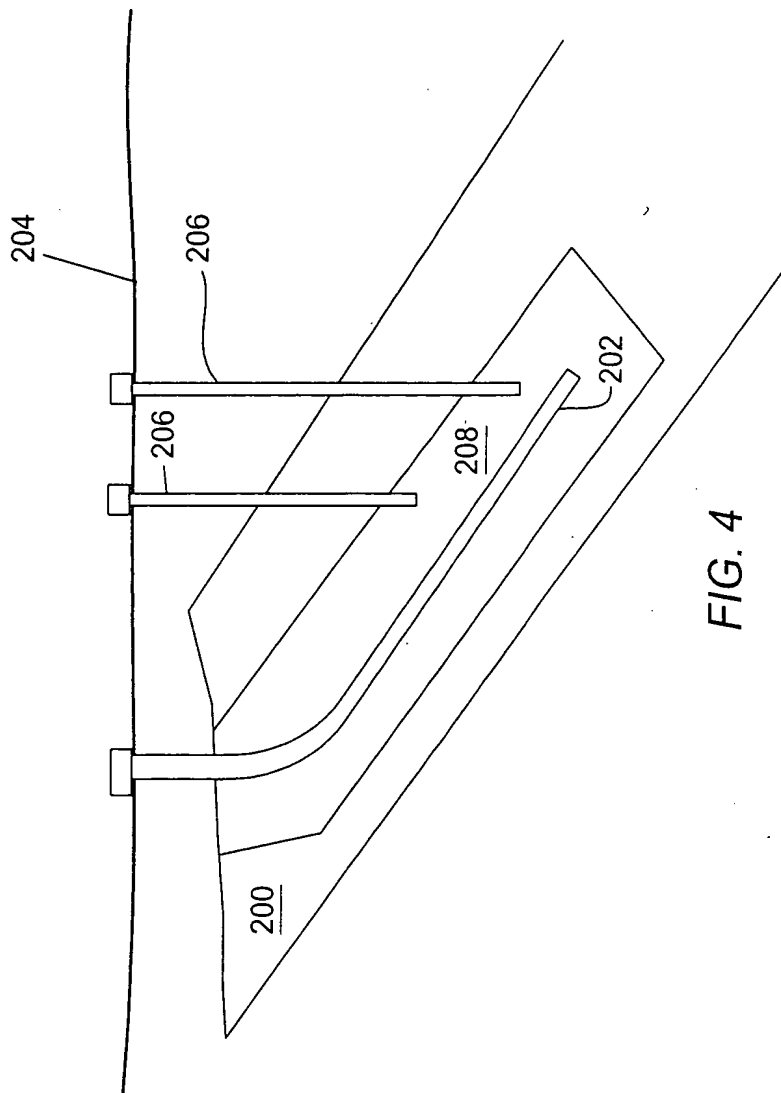
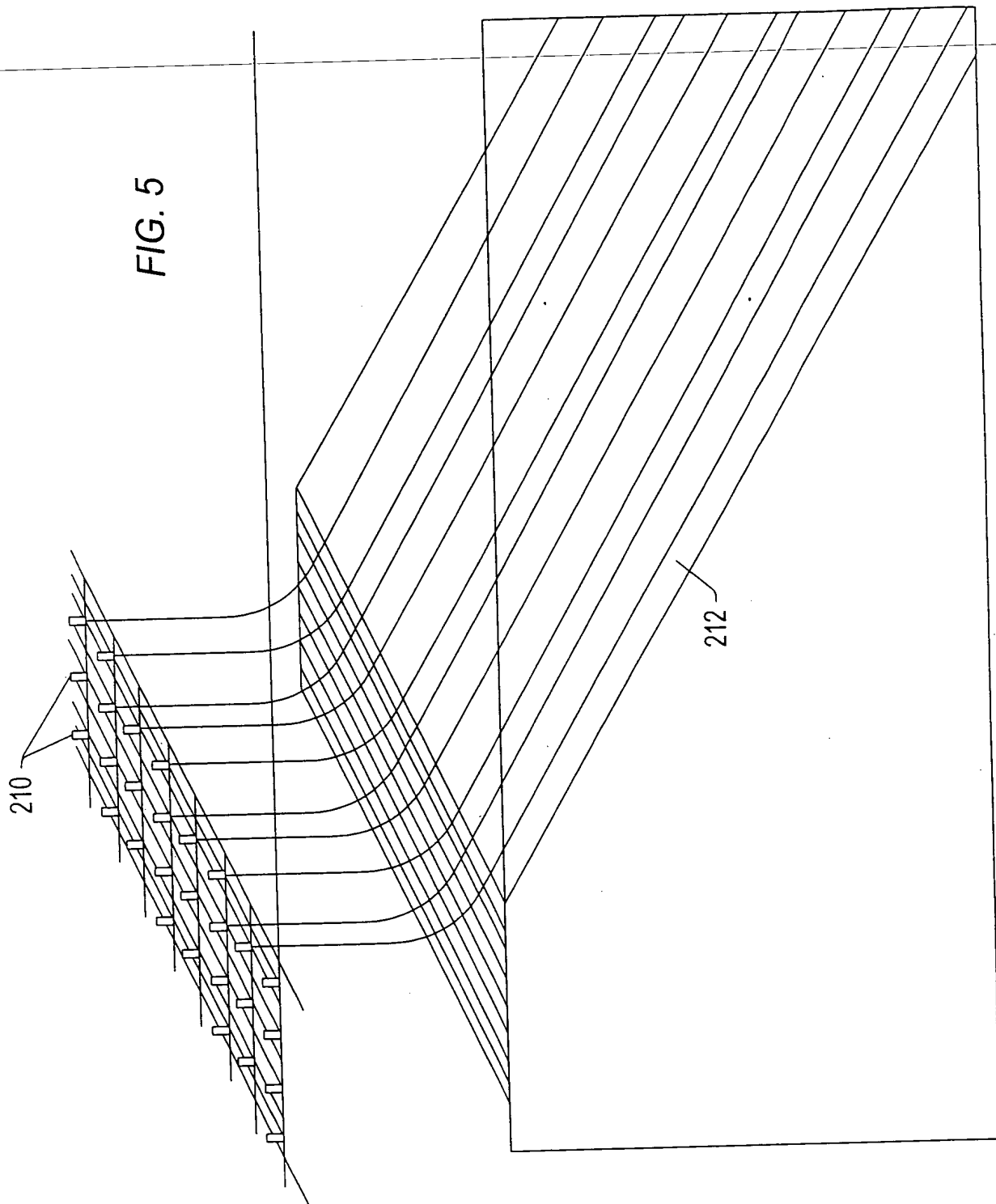


FIG. 4



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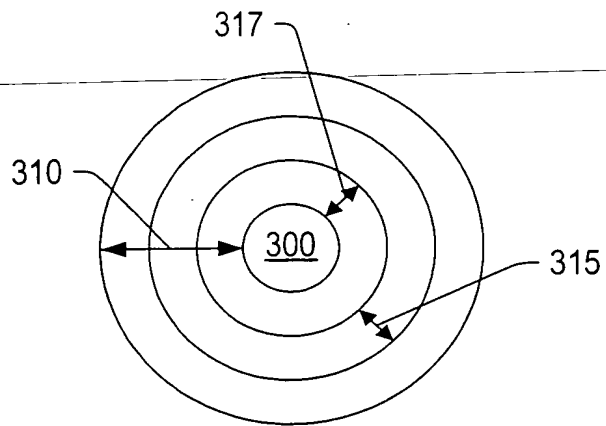


FIG. 6

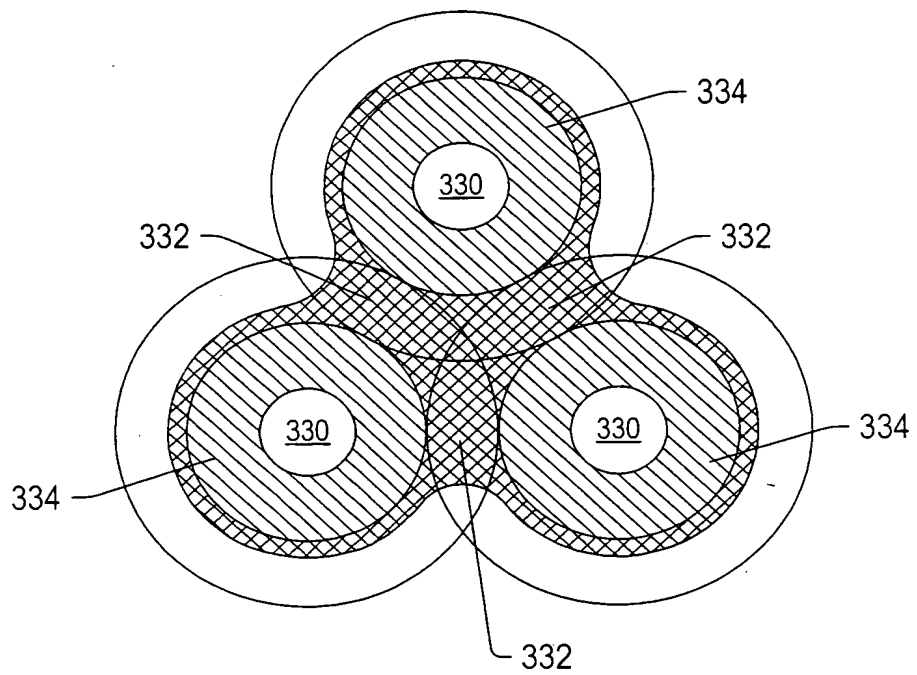


FIG. 7

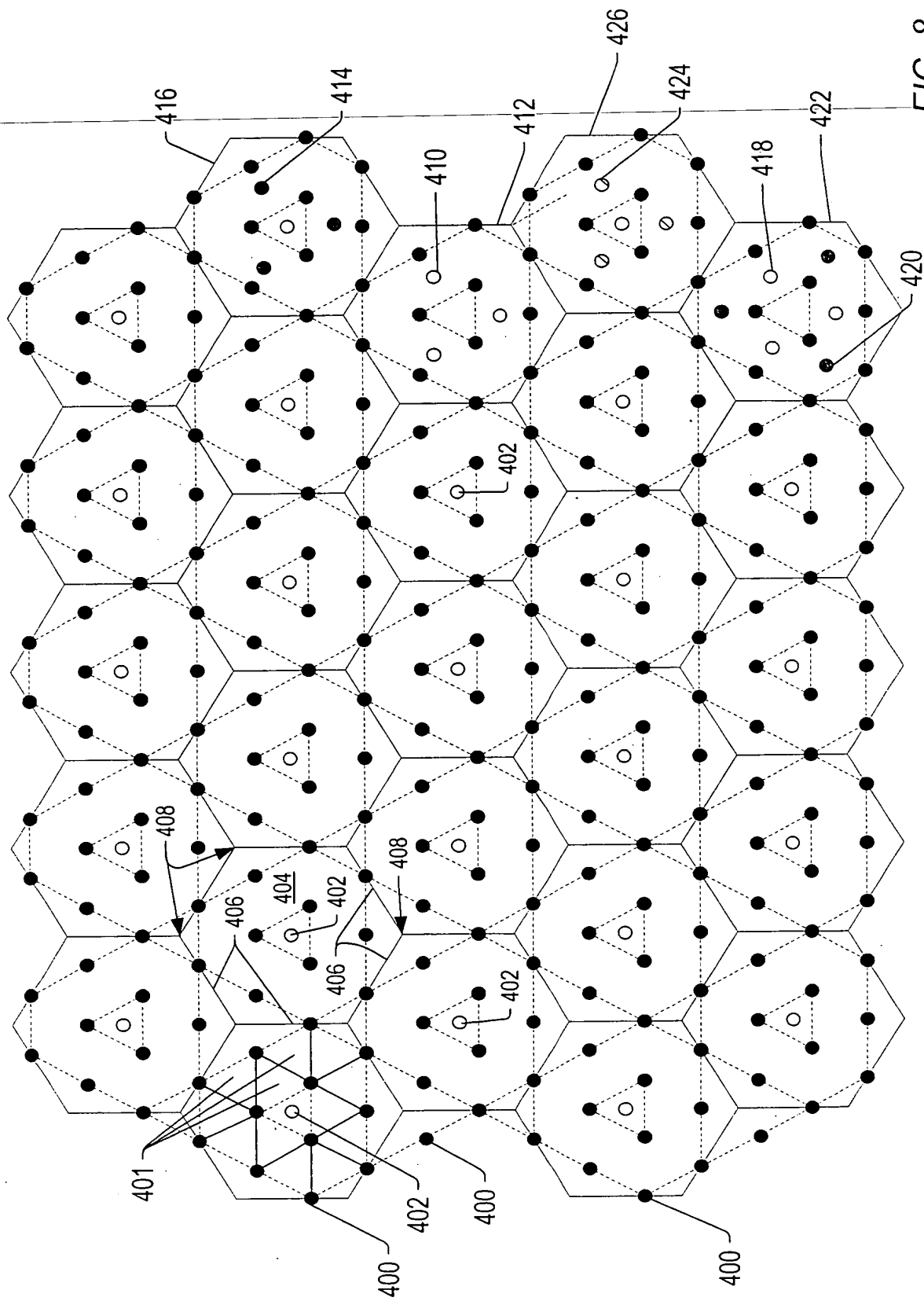


FIG. 8

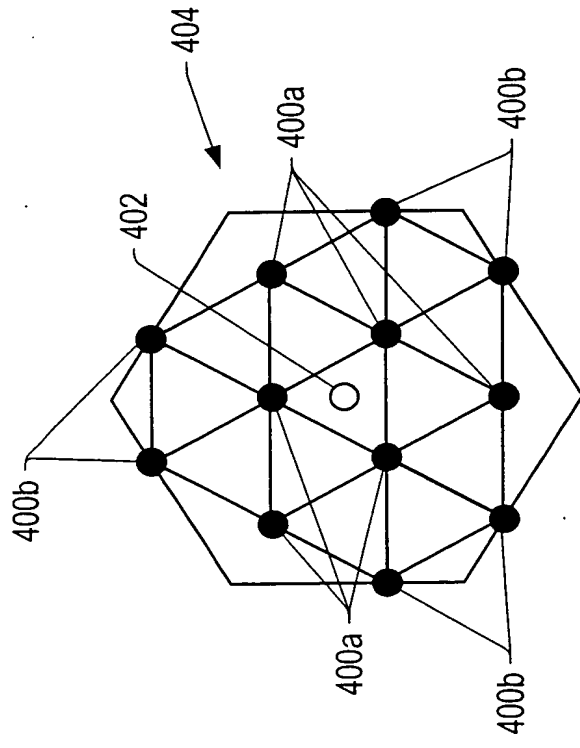
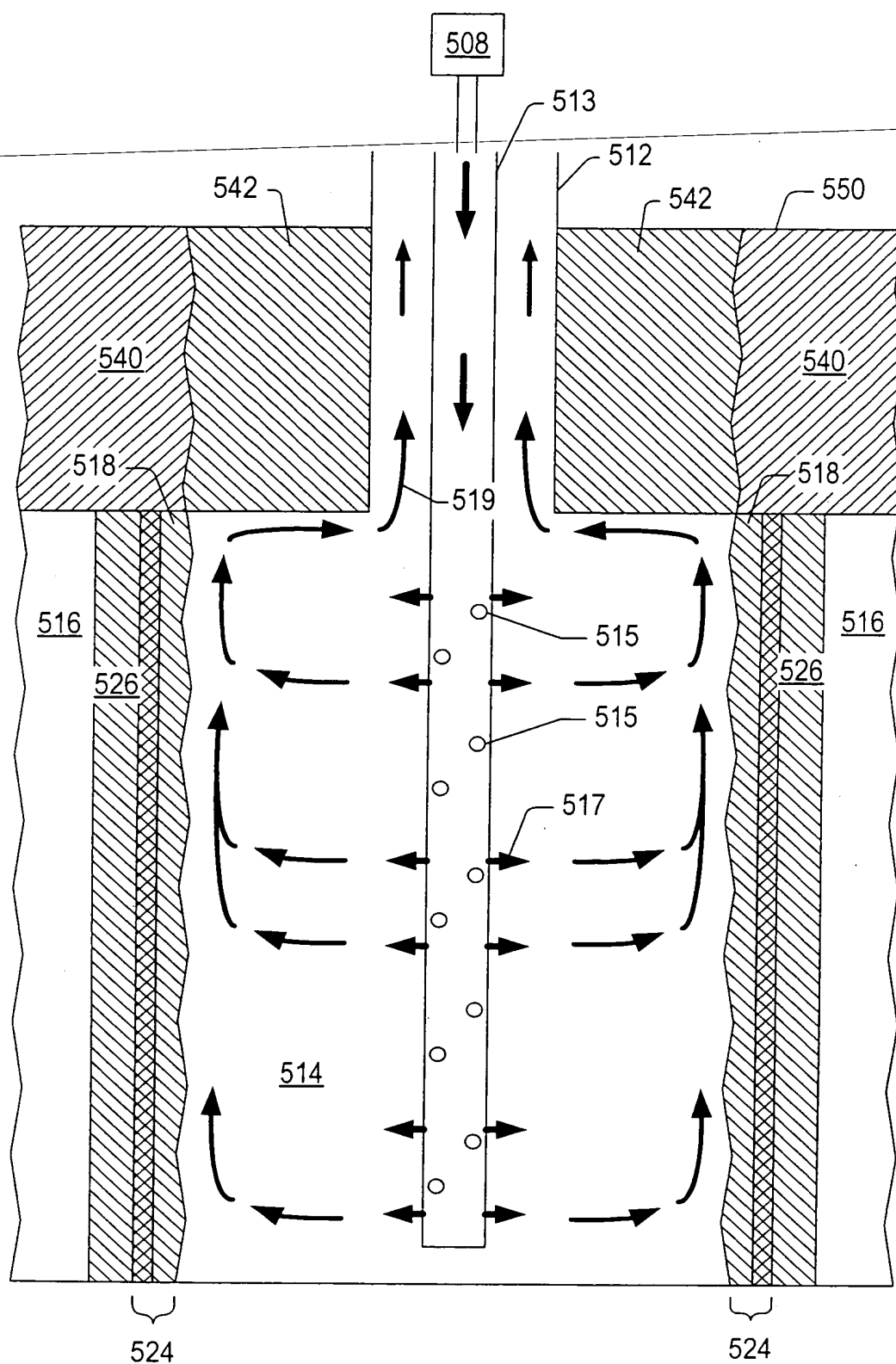


FIG. 9



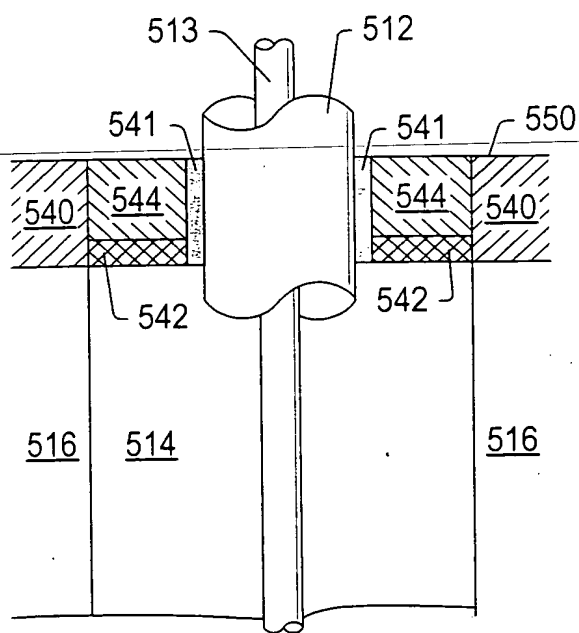


FIG. 11

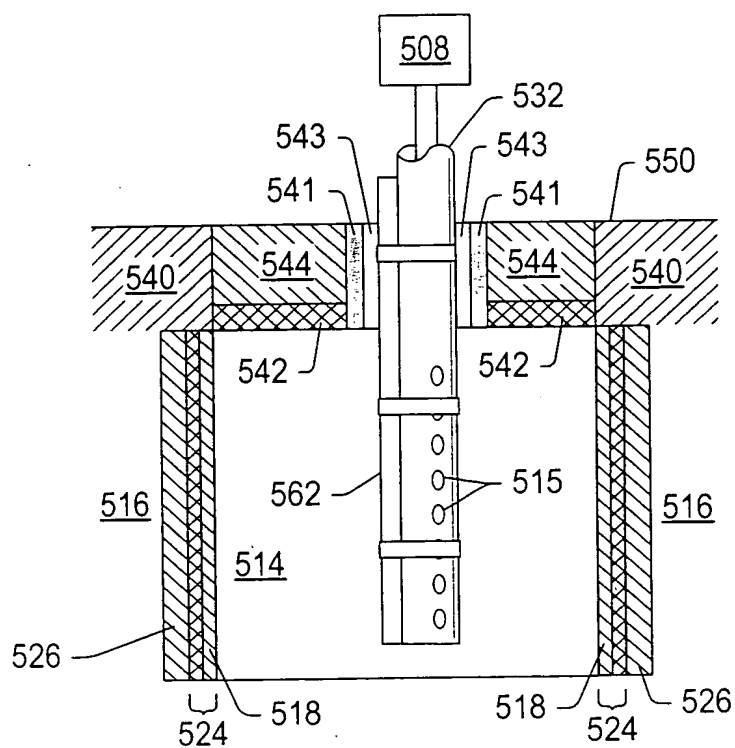


FIG. 12

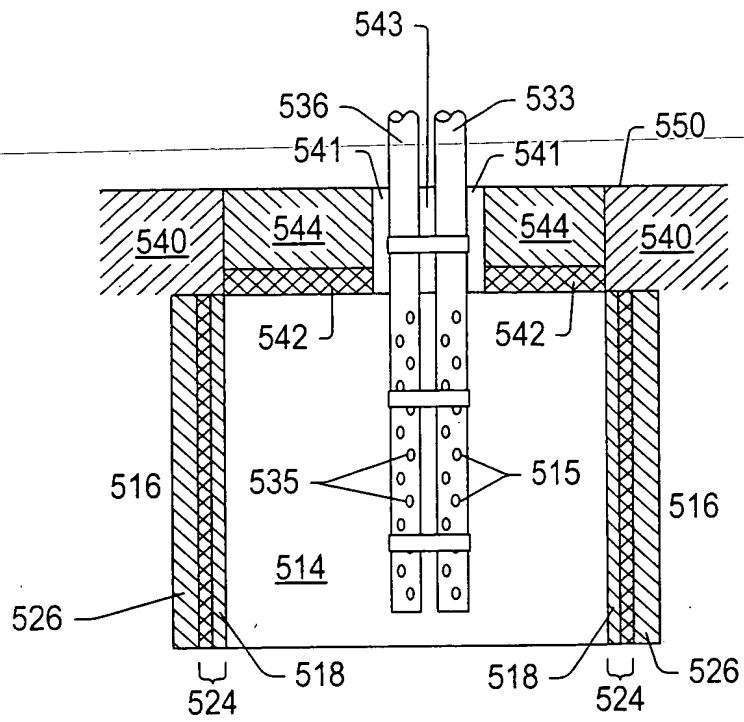


FIG. 13

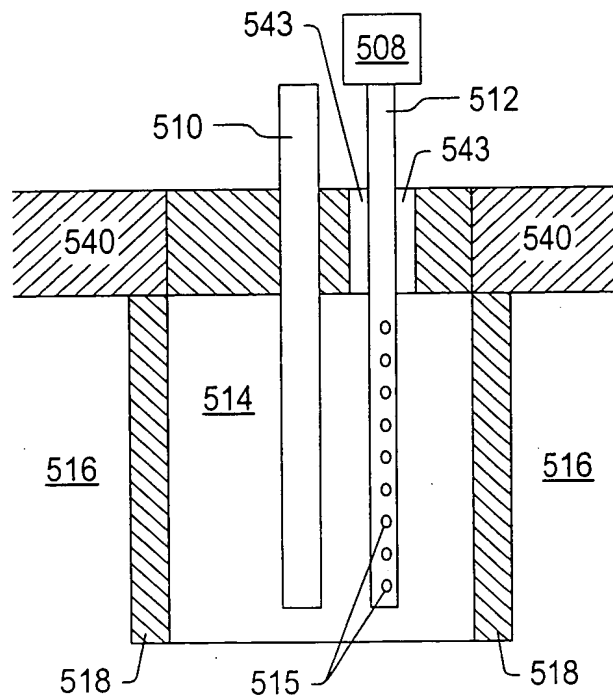


FIG. 14

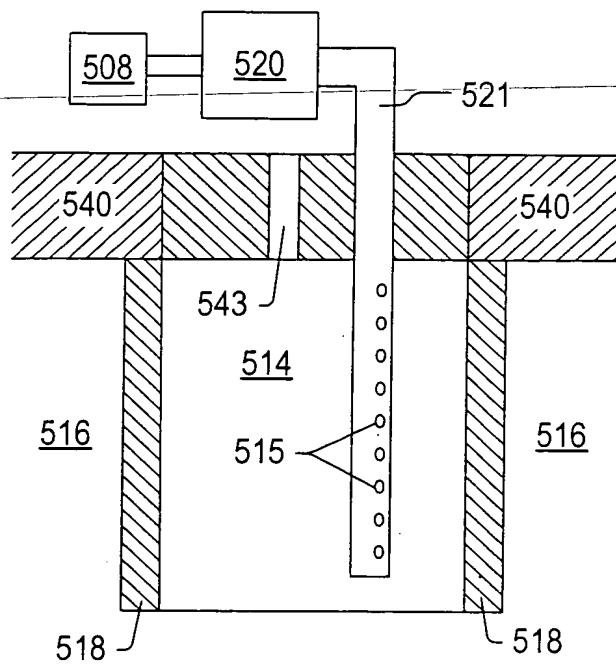


FIG. 15

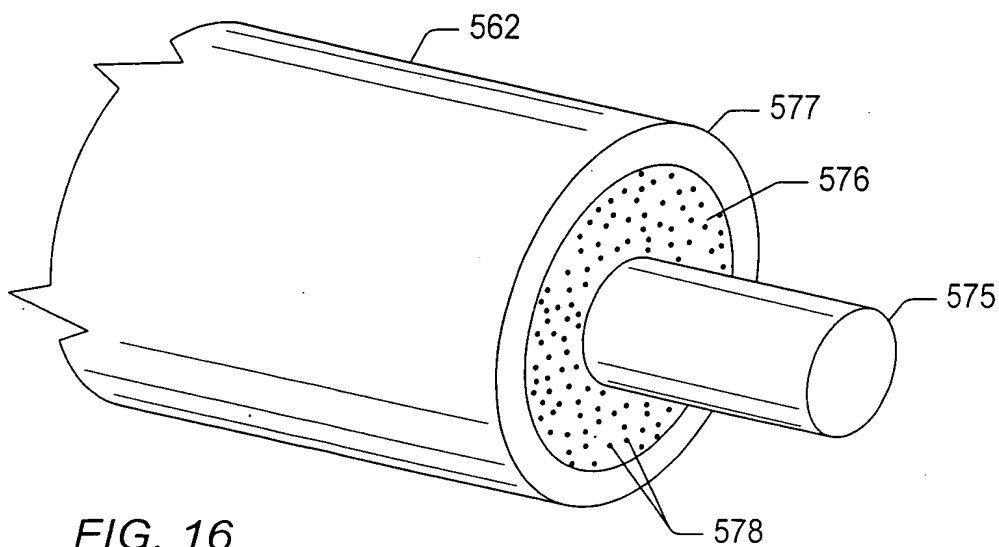


FIG. 16

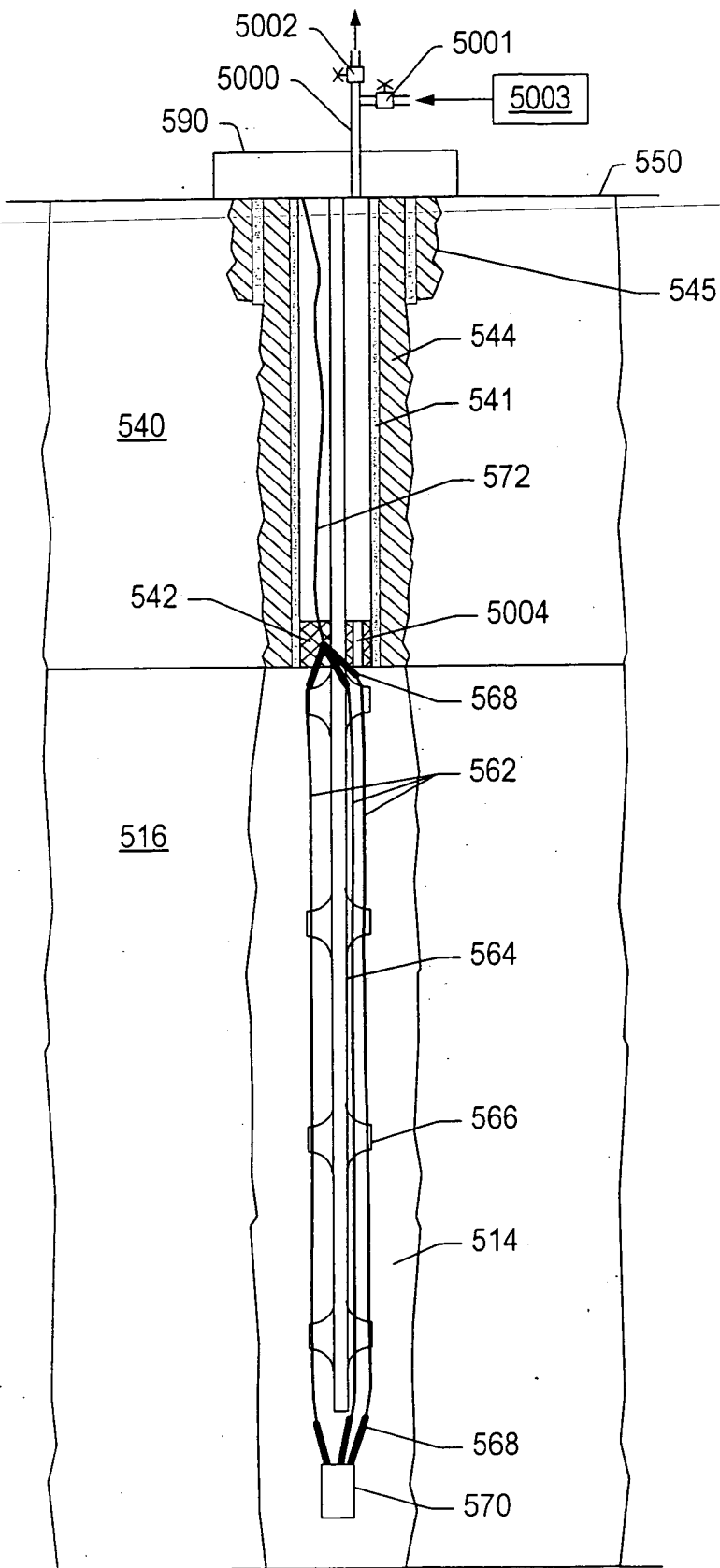


FIG. 17

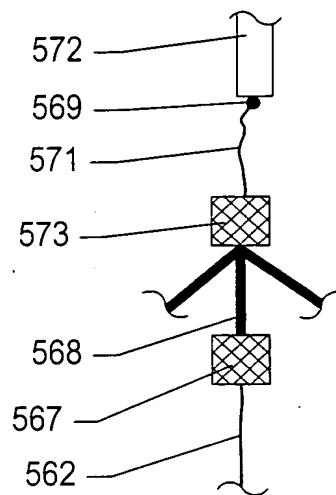
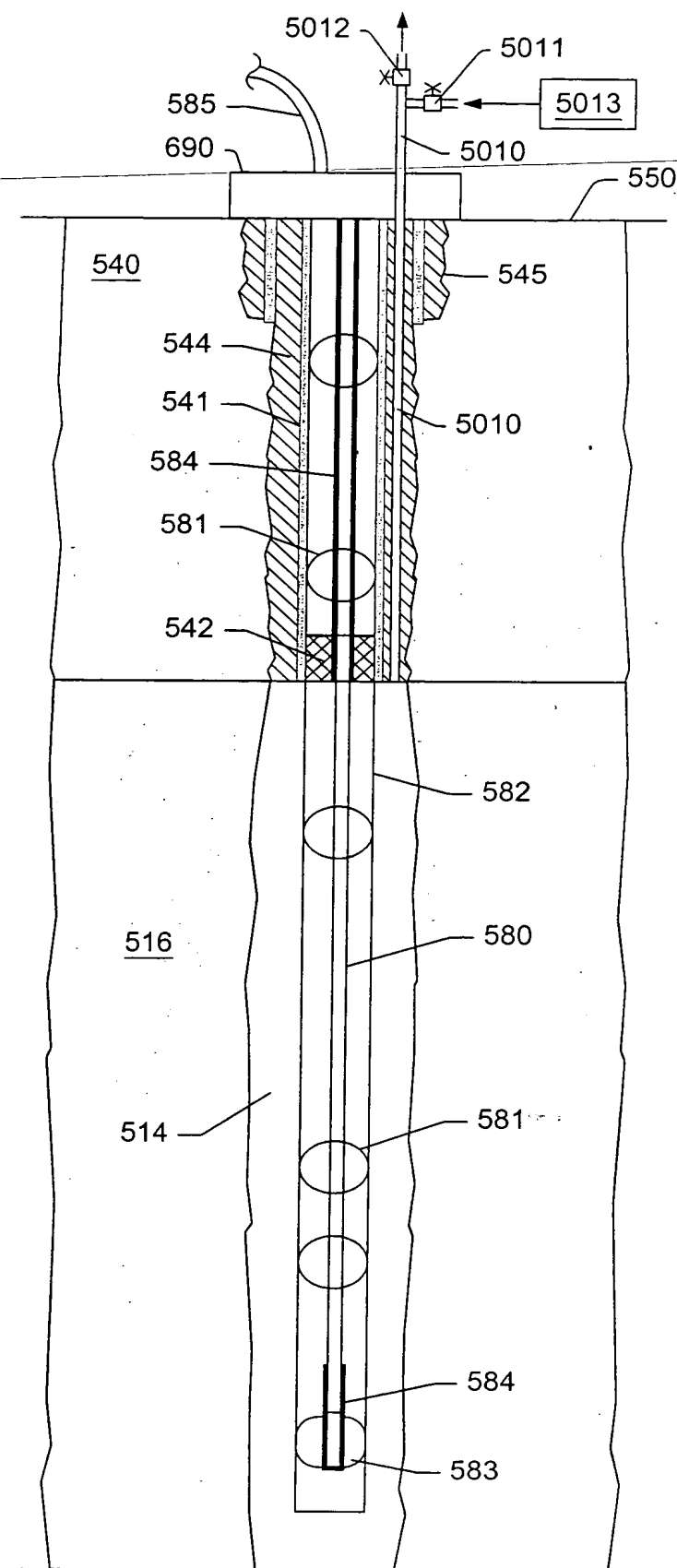


FIG. 17A



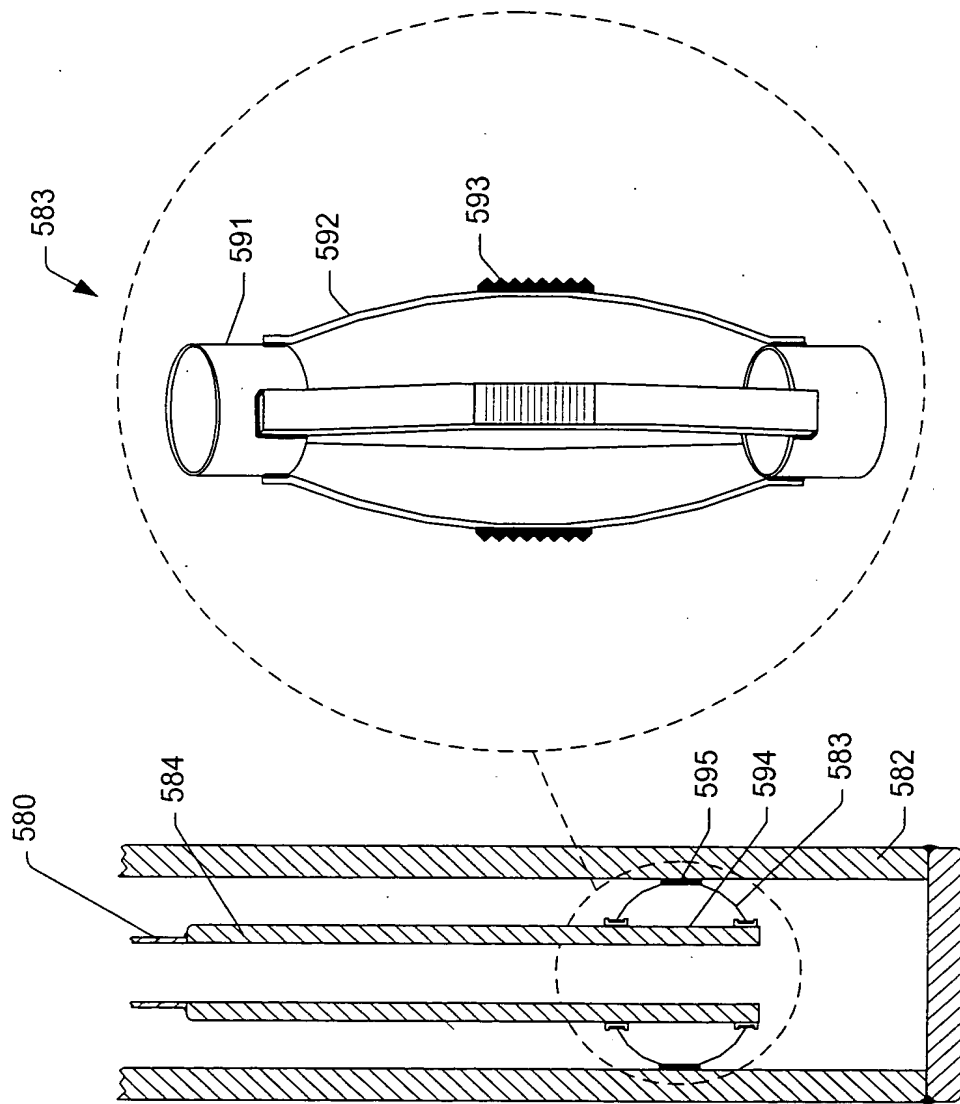


FIG. 20

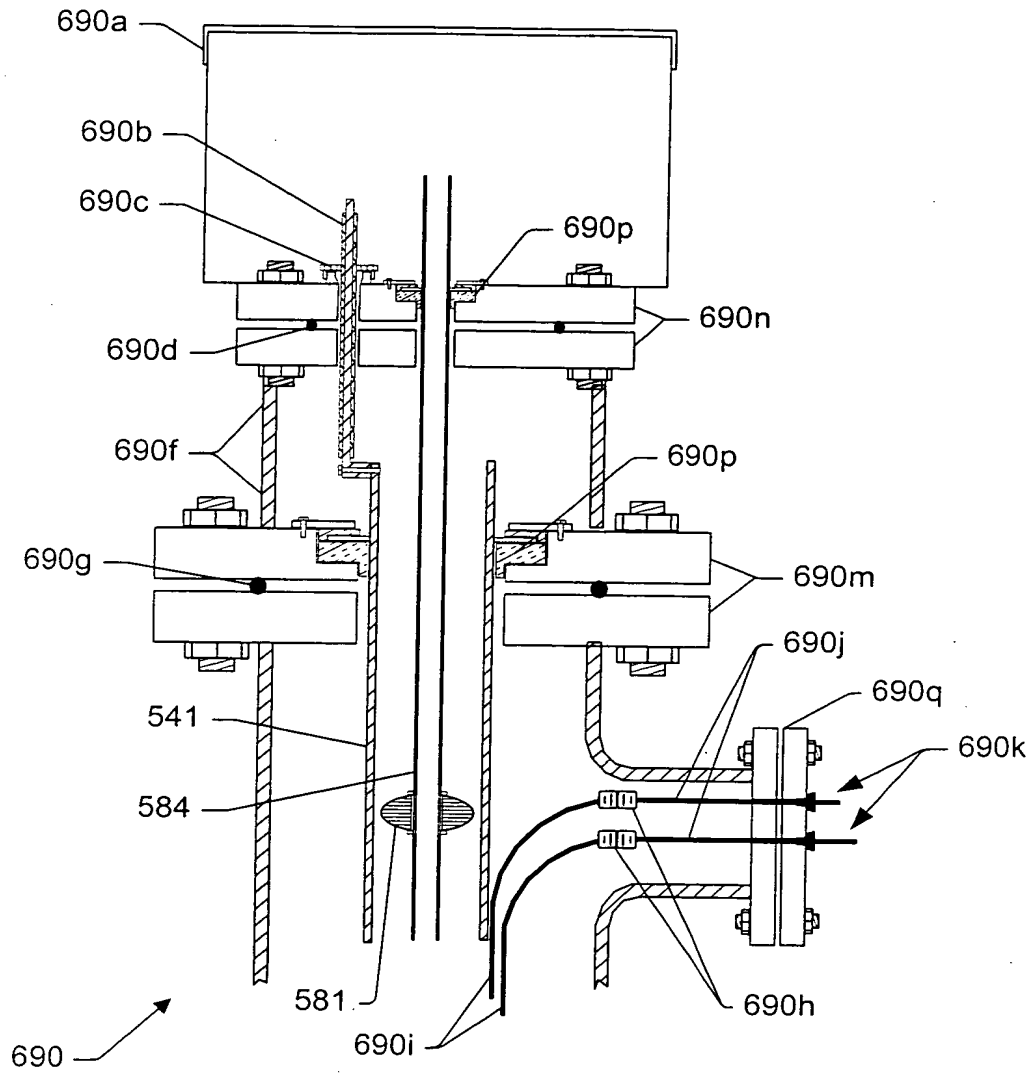


FIG. 21

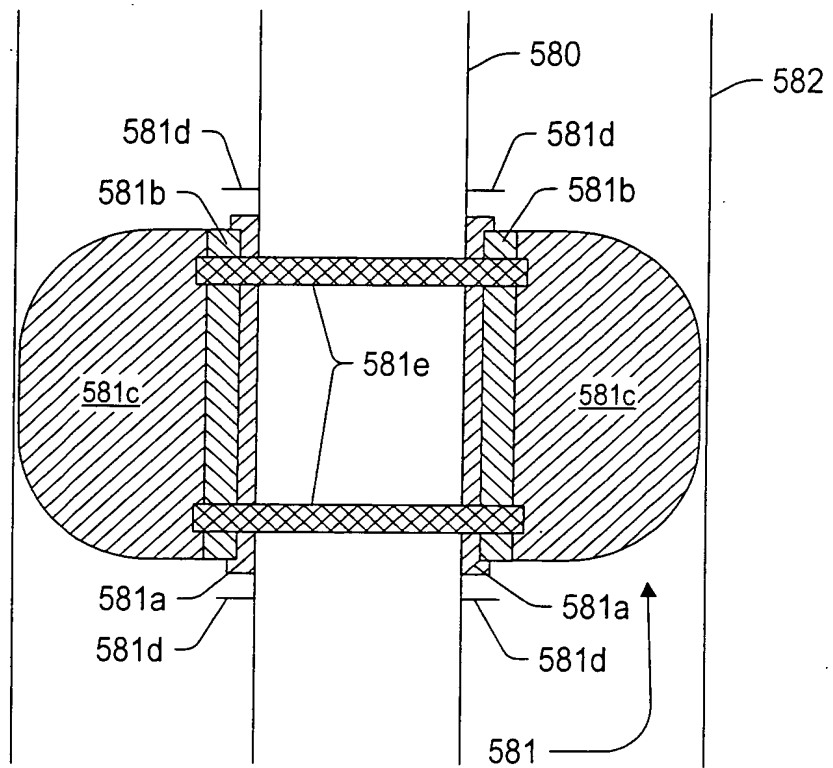


FIG. 22

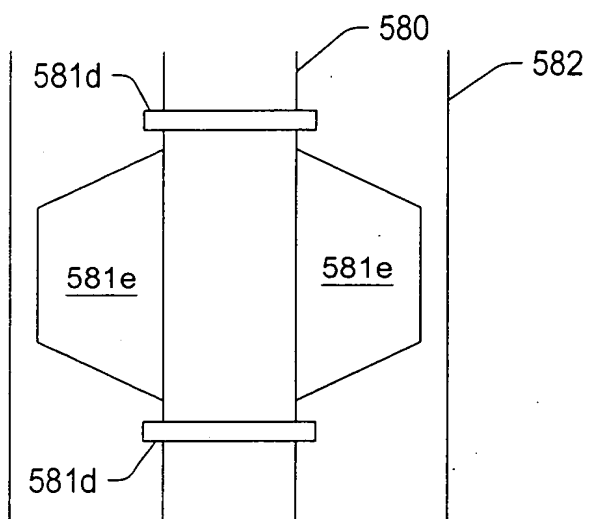


FIG. 23a

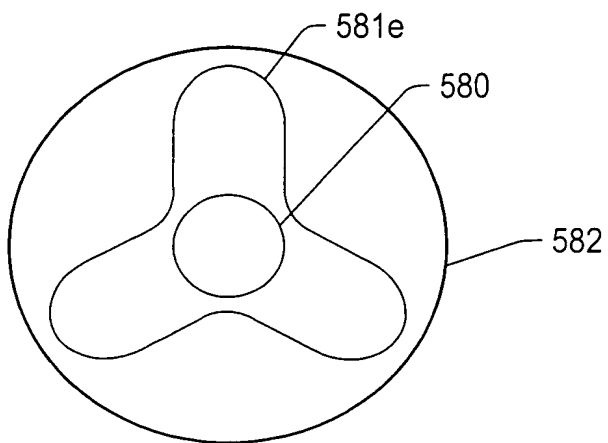


FIG. 23b

FIG. 24

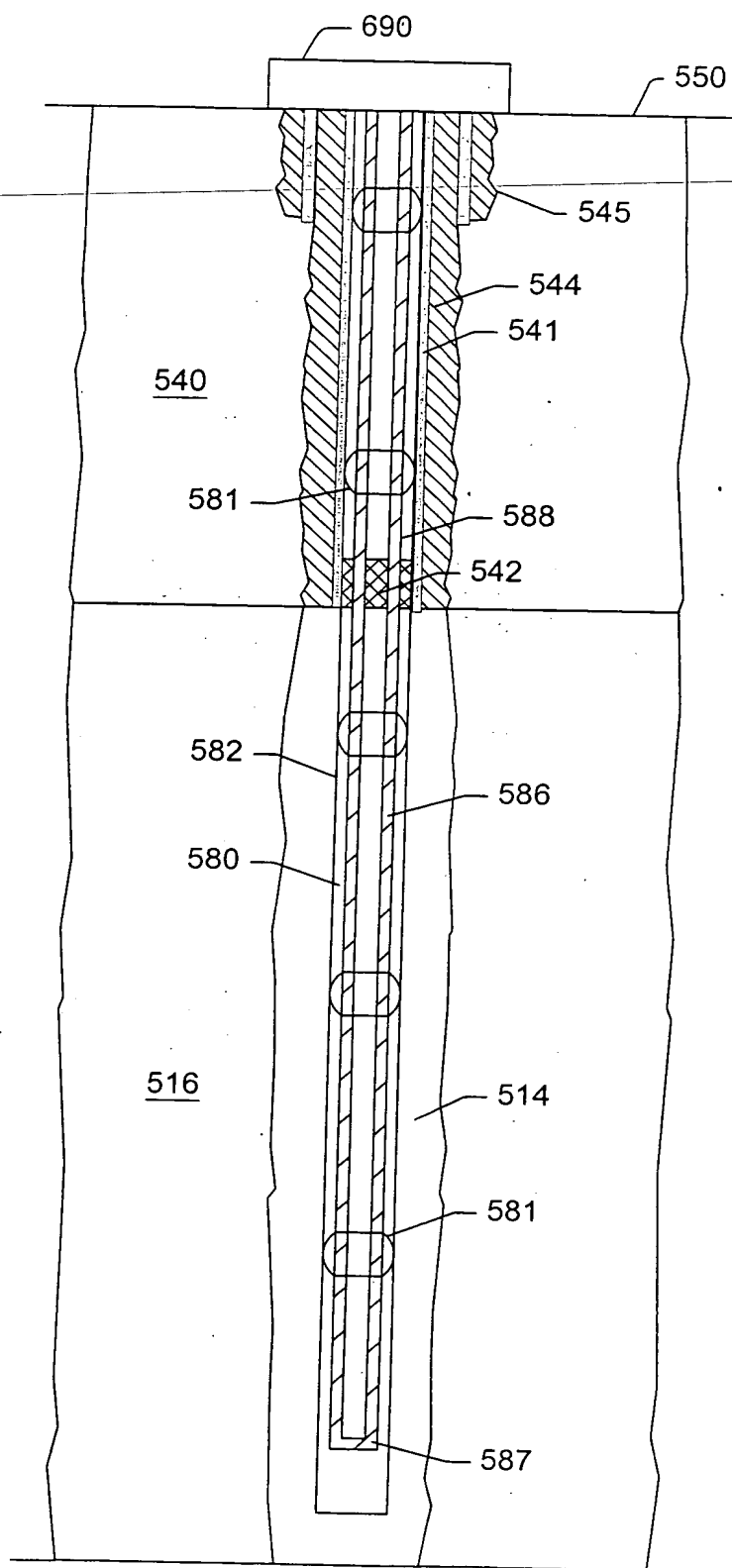


Fig. 24

FIG. 25

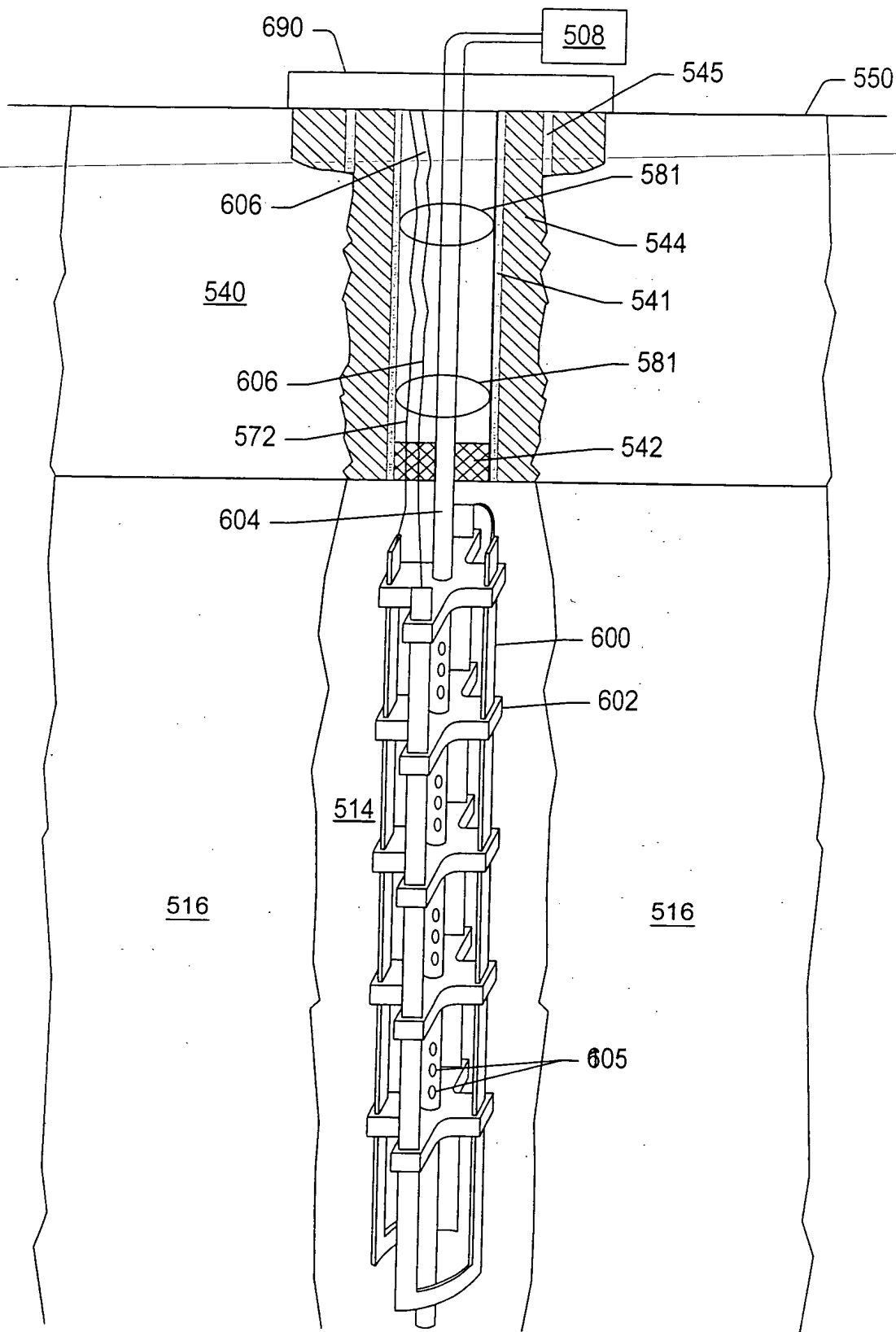


FIG. 25

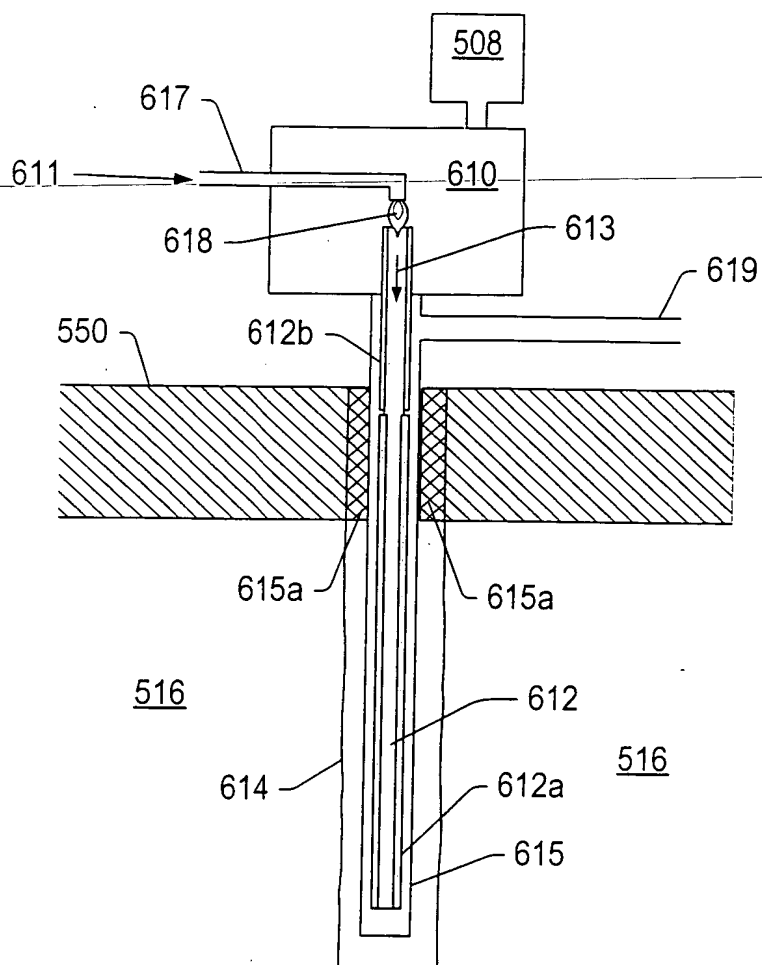


FIG. 26

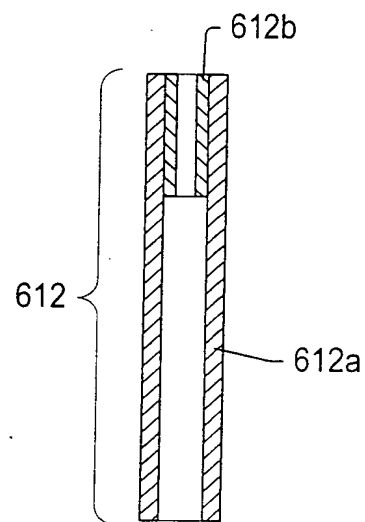


FIG. 27

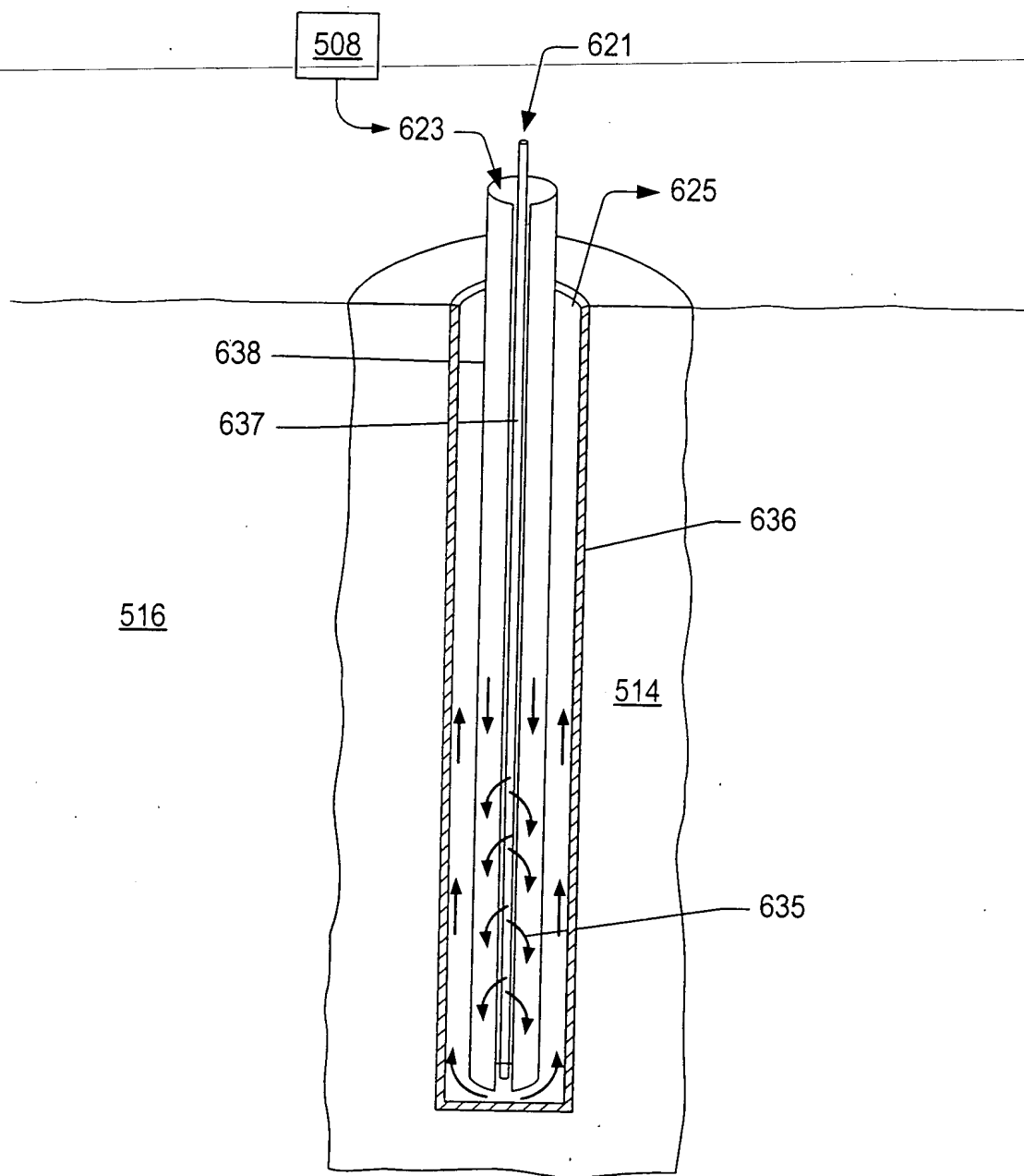


FIG. 28

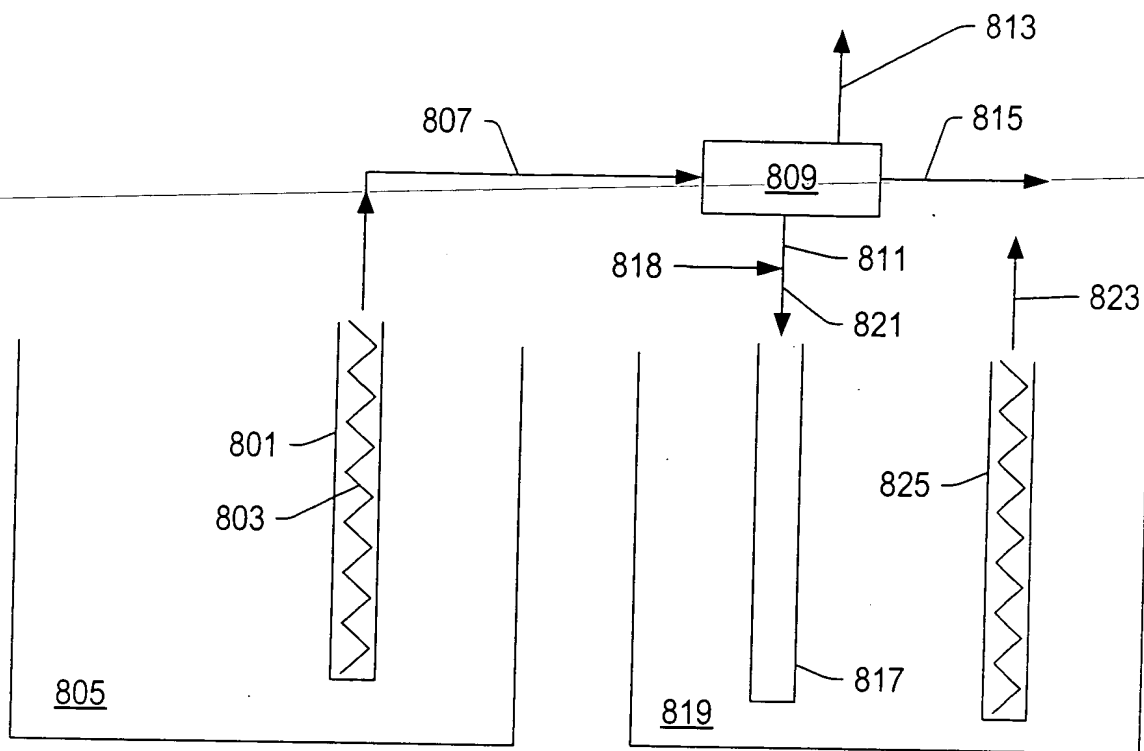


FIG. 29

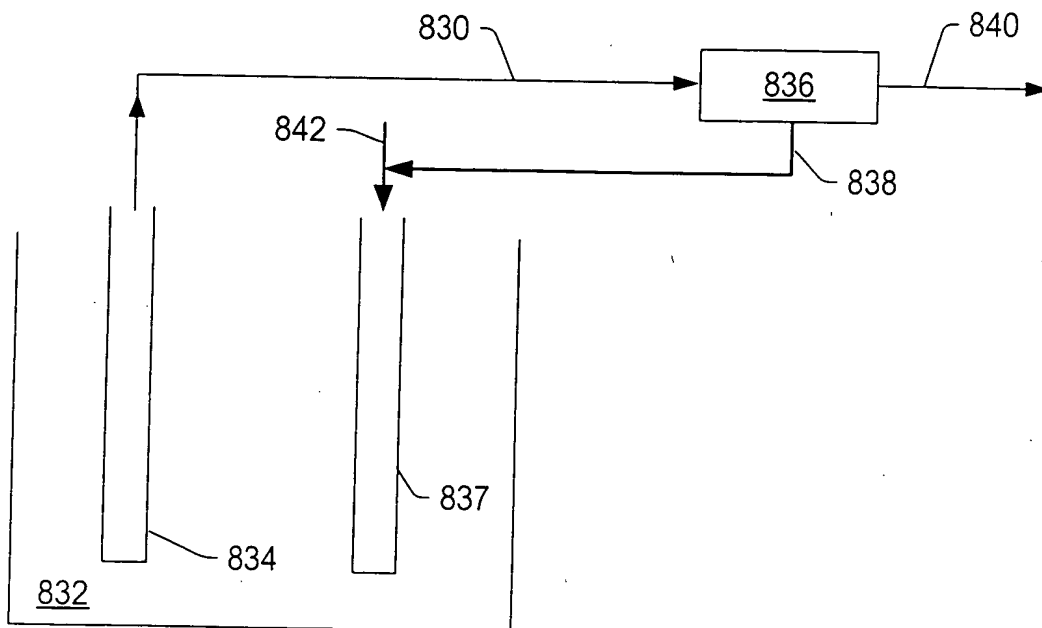


FIG. 30

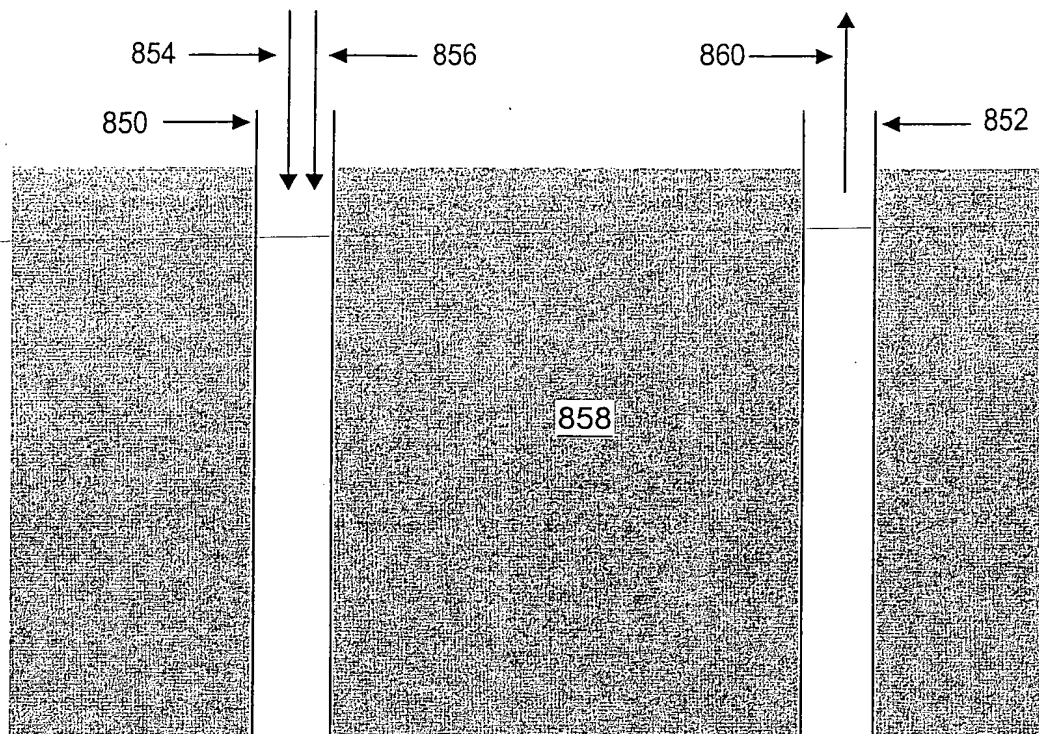


FIG. 31

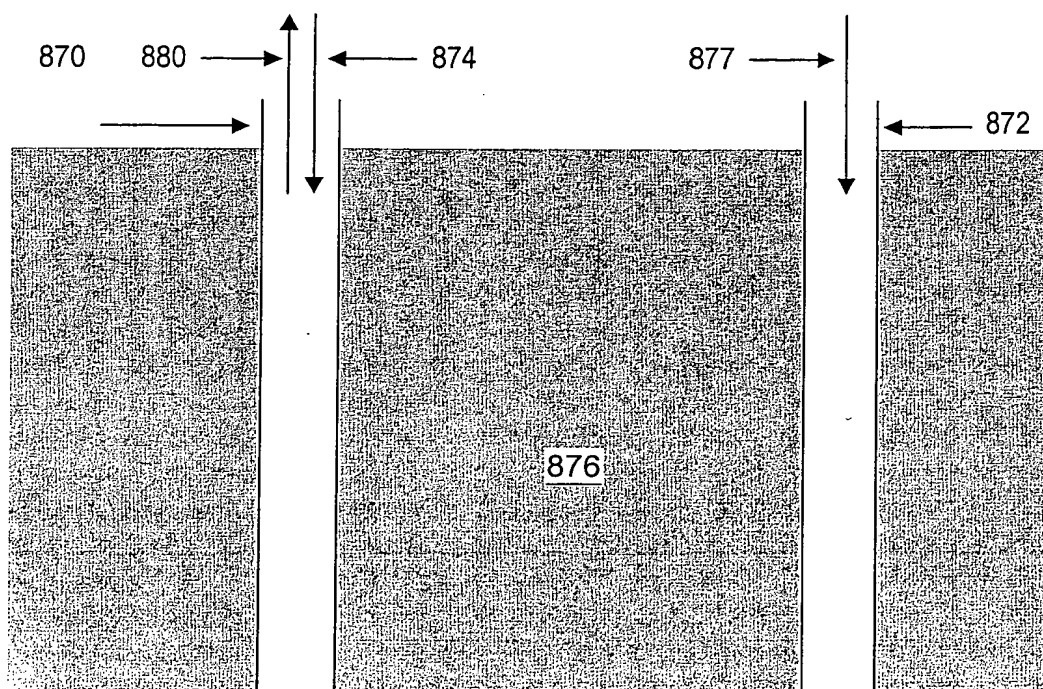


FIG. 32

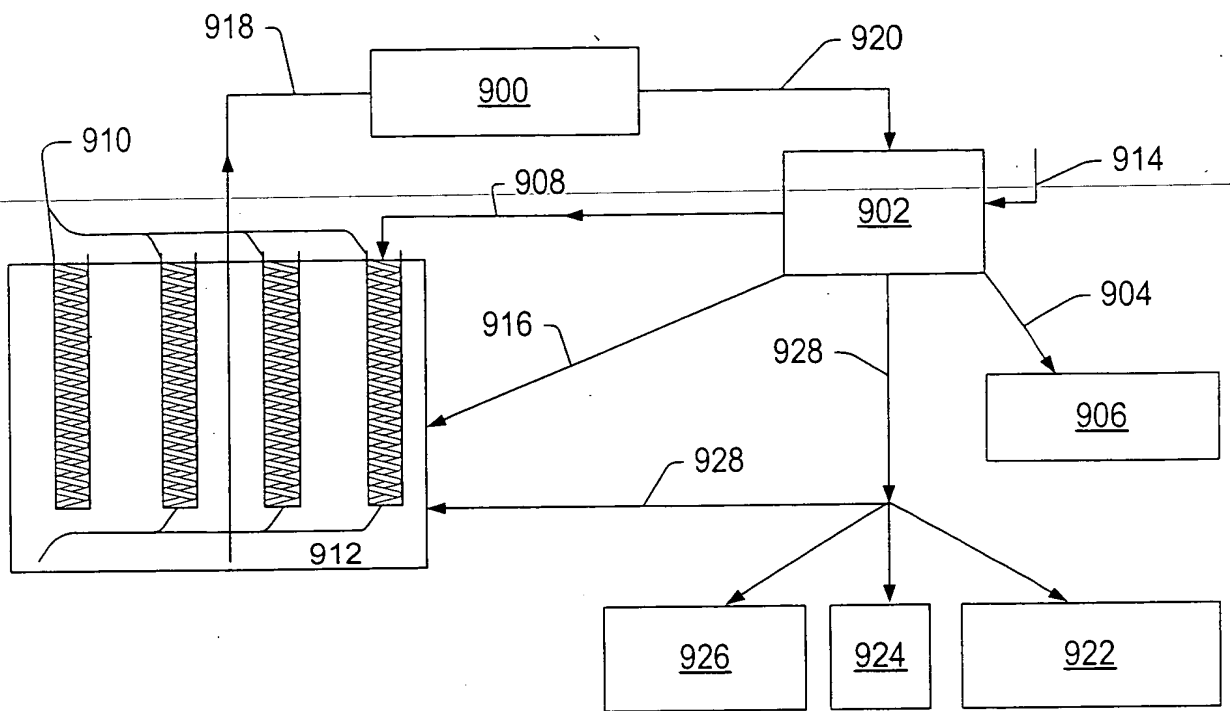


FIG. 33

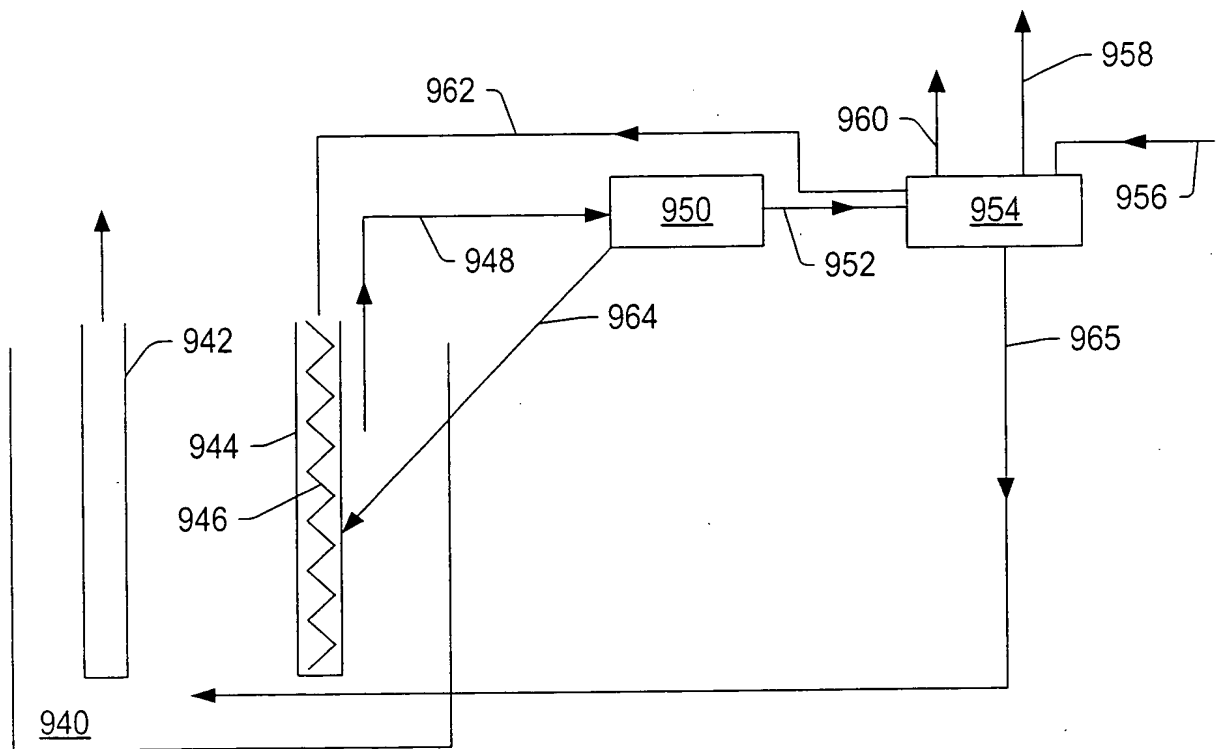


FIG. 34

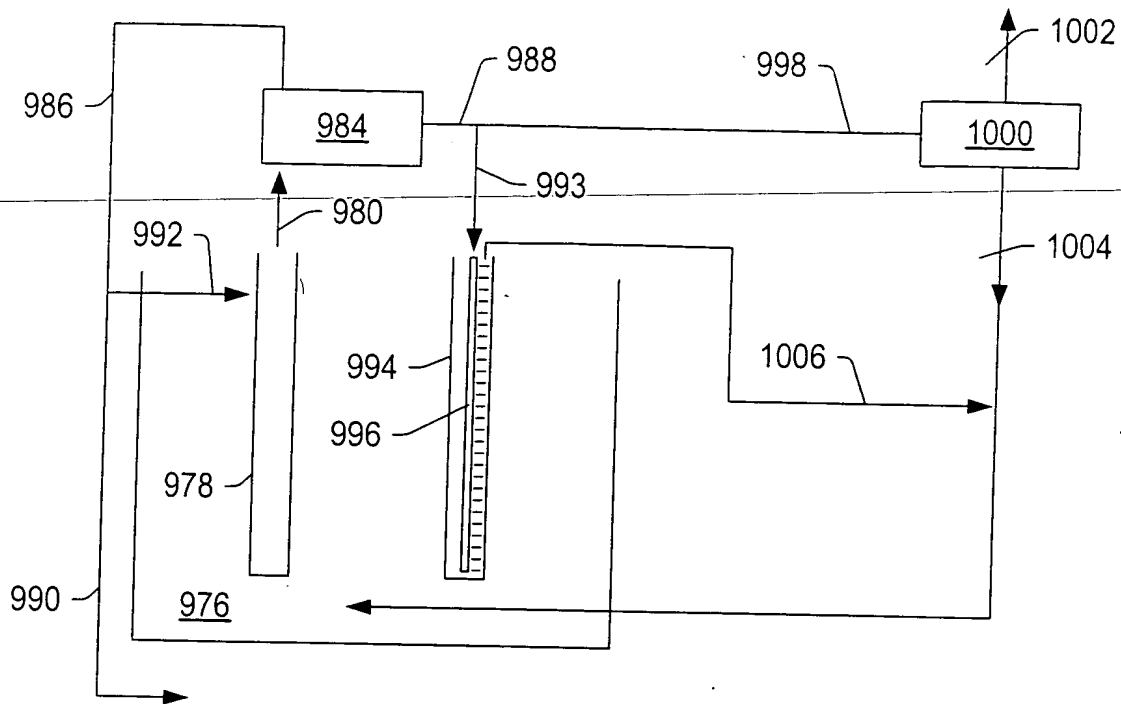


FIG. 35

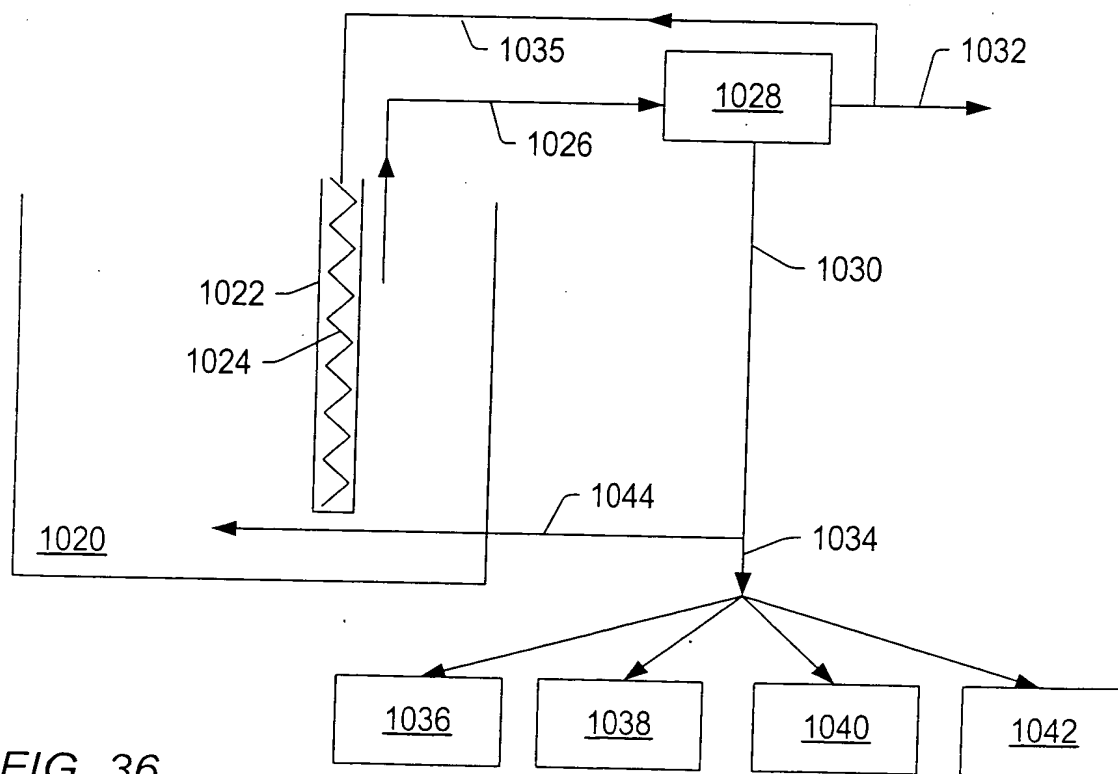


FIG. 36

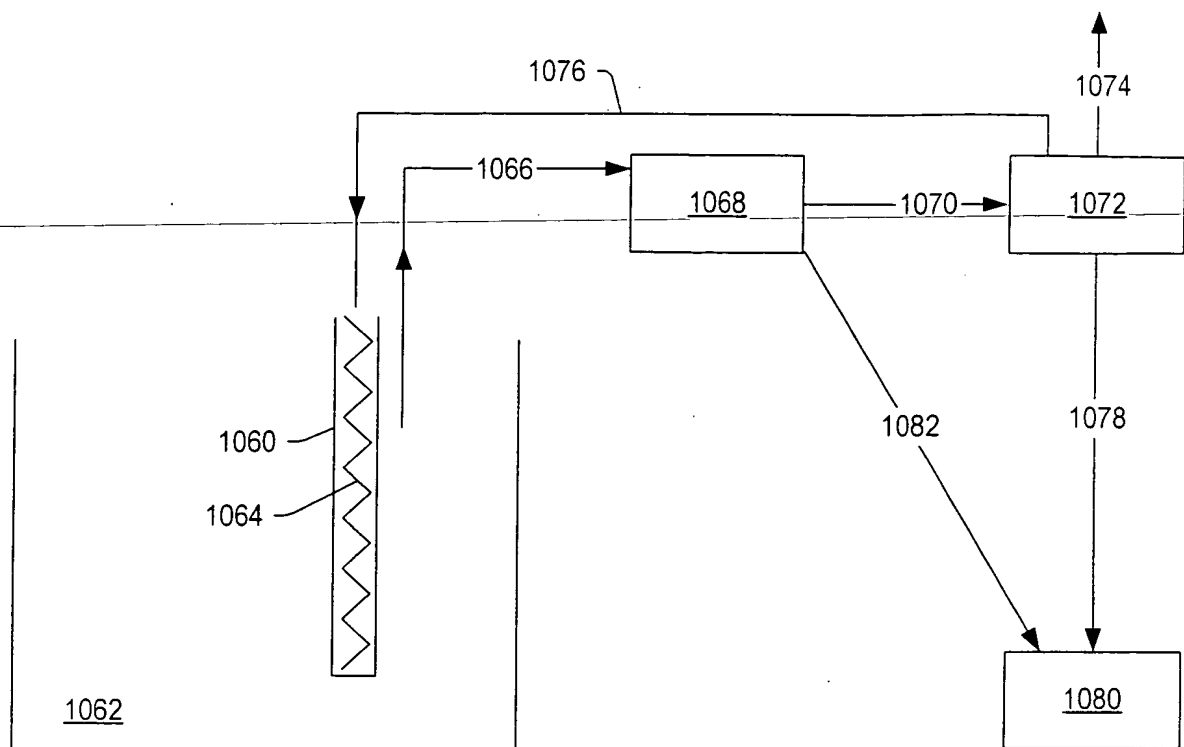


FIG. 37

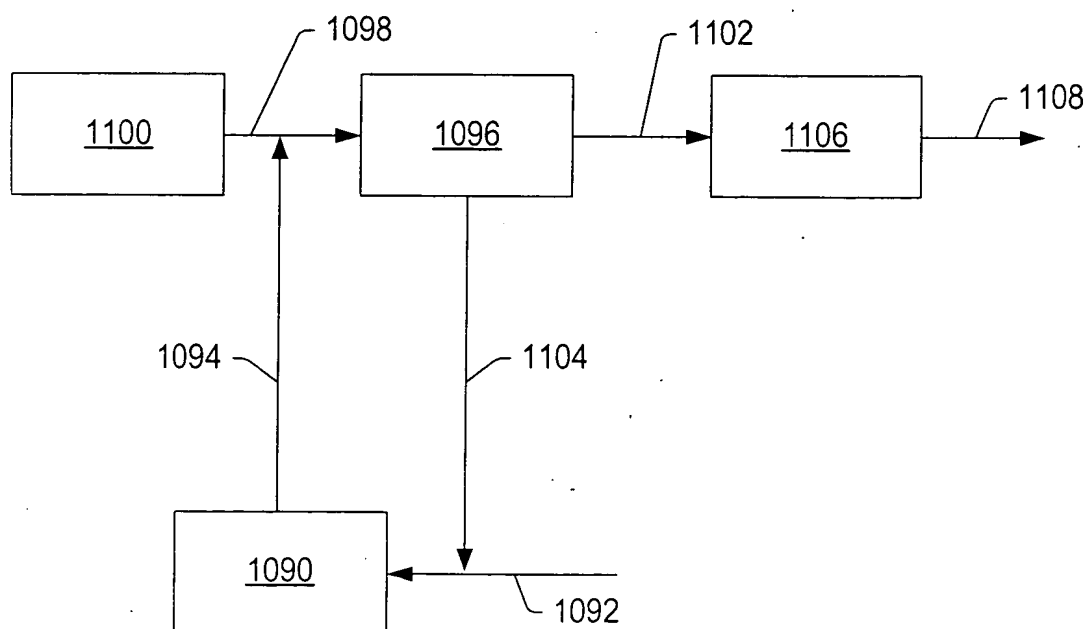


FIG. 38

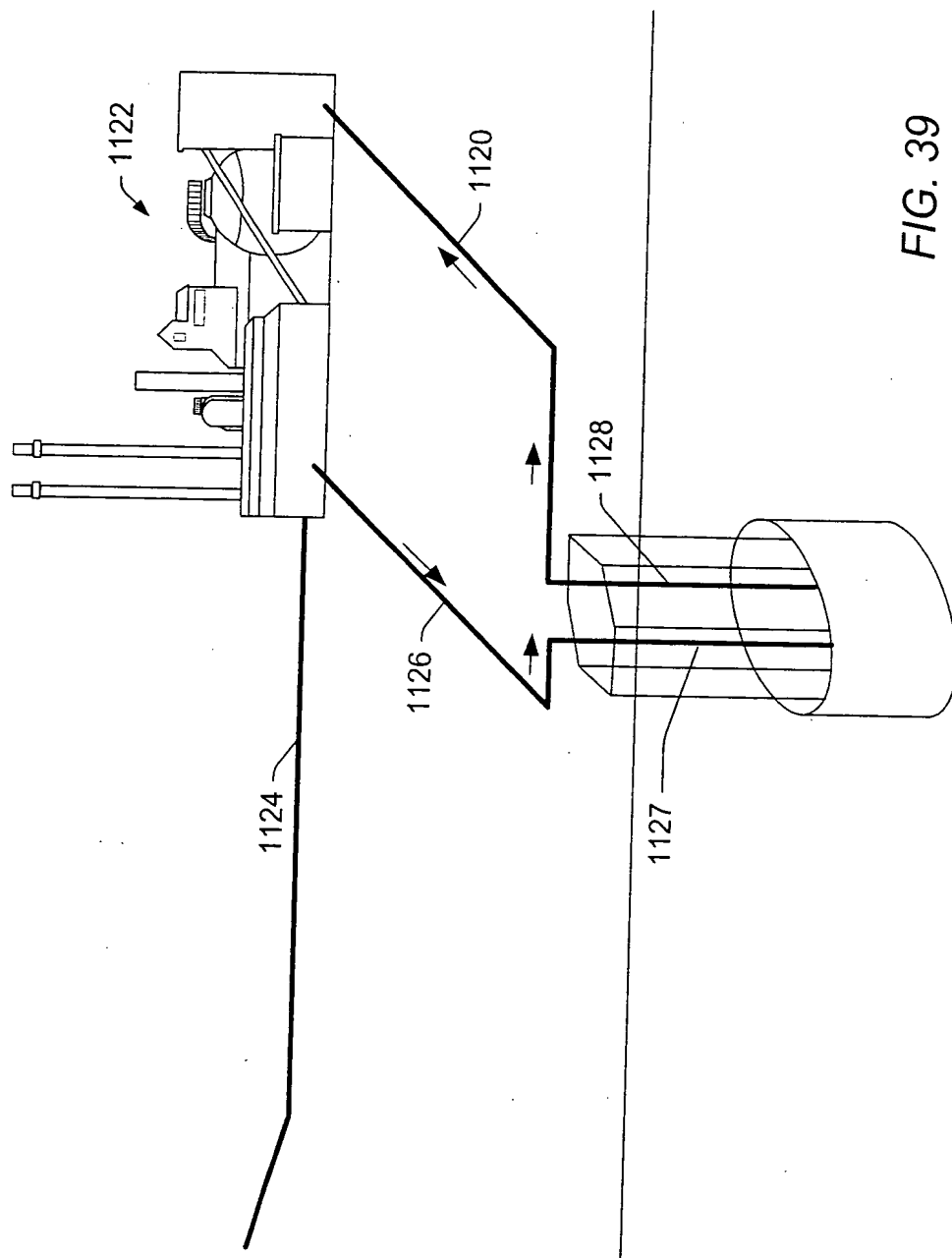


FIG. 39

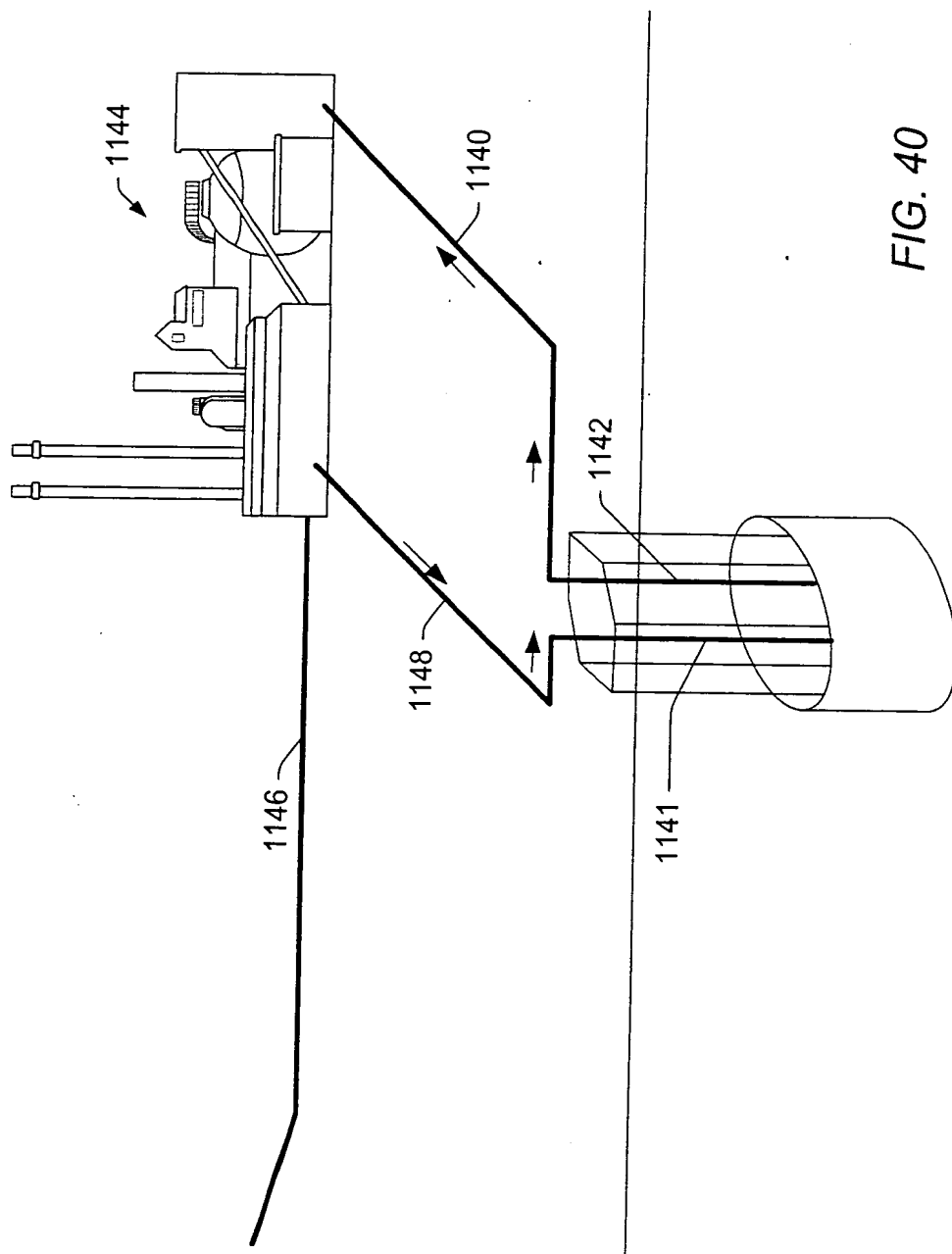


FIG. 40

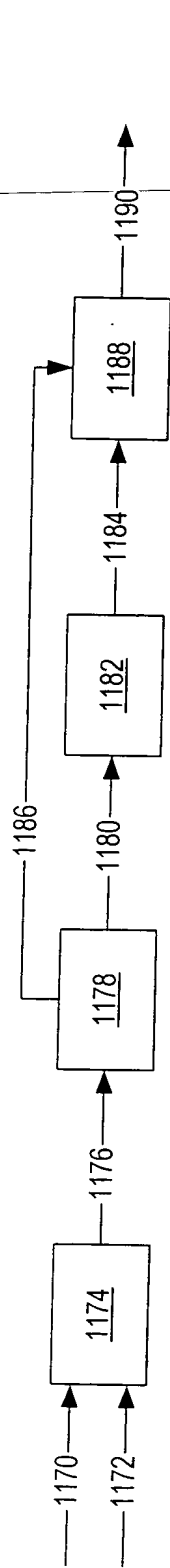


FIG. 41

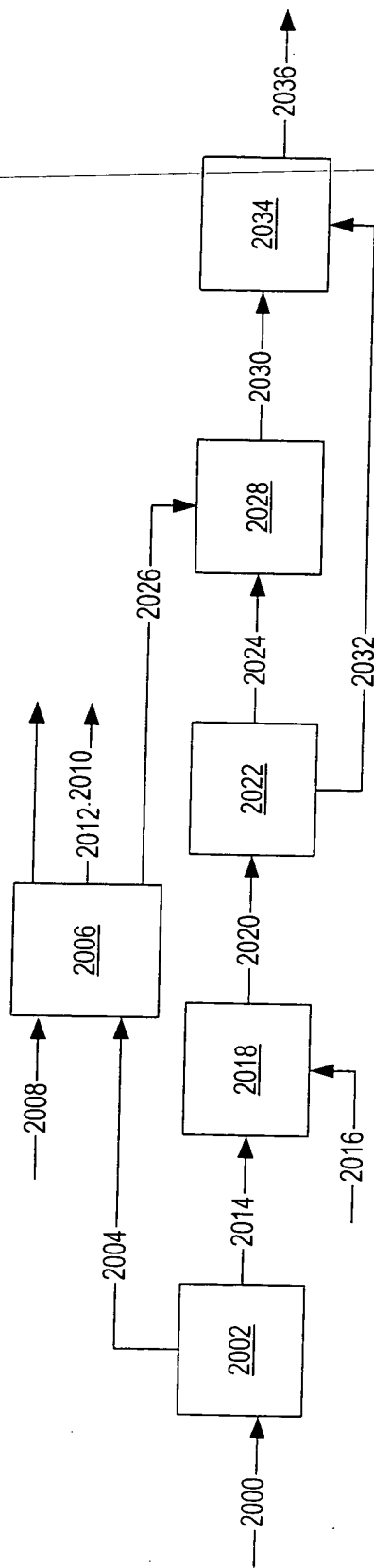


FIG. 42

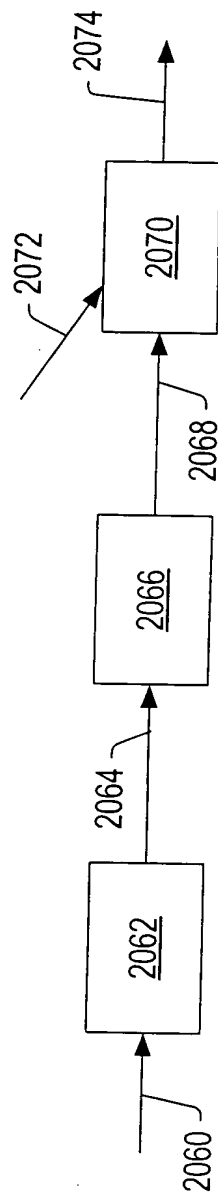


FIG. 43

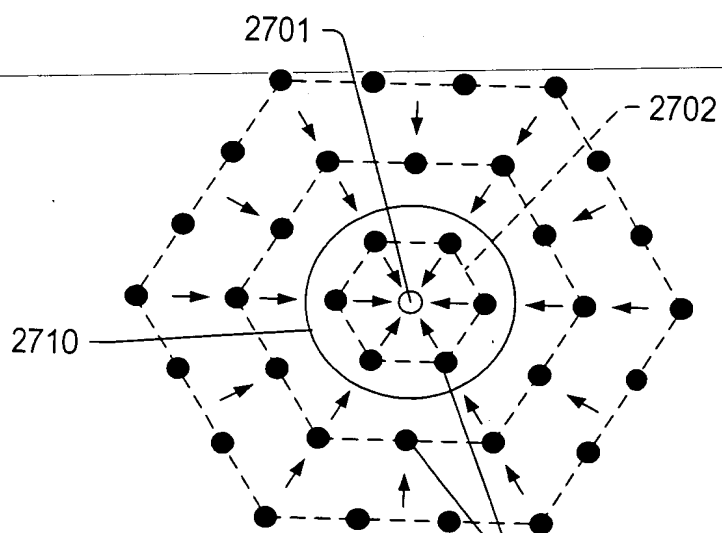


FIG. 44

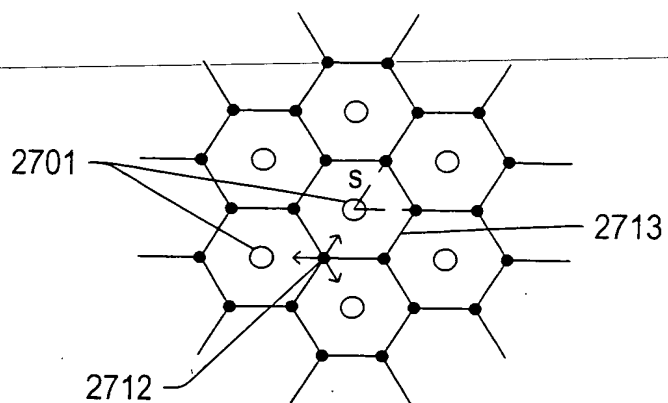


FIG. 45

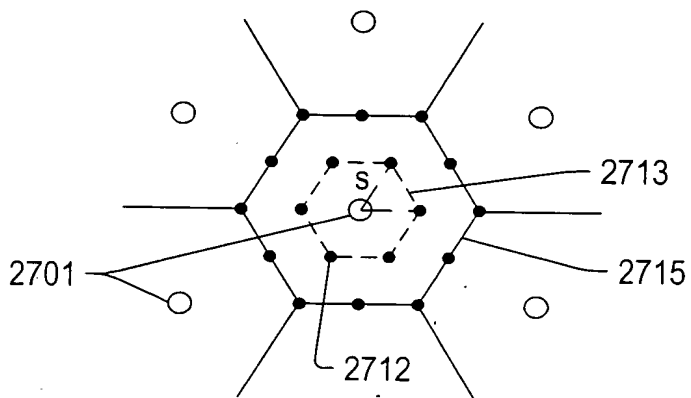


FIG. 46

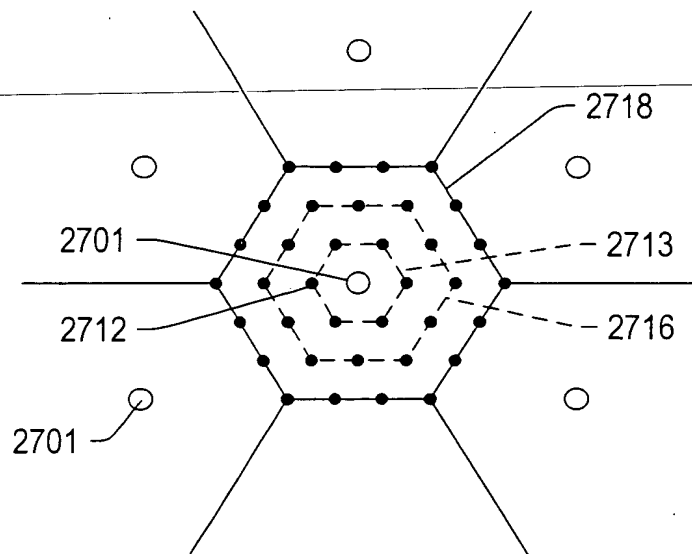


FIG. 47

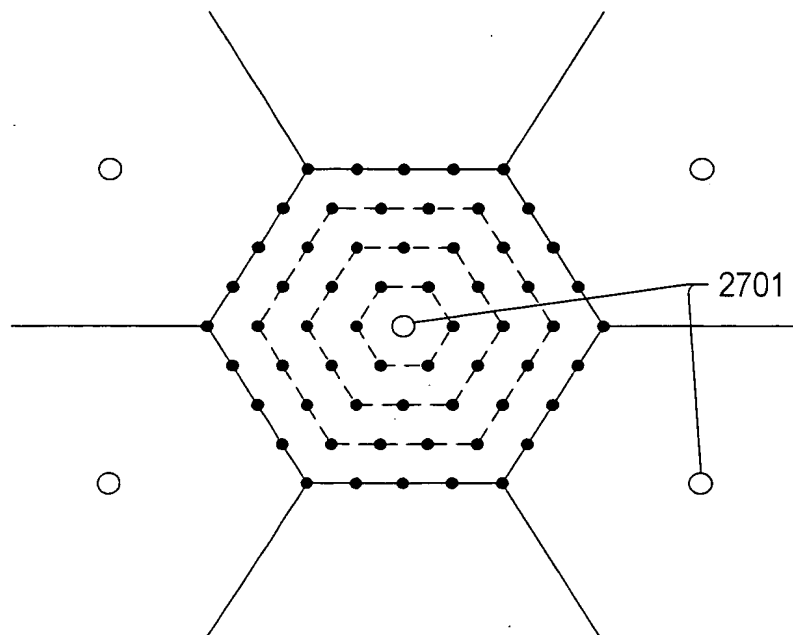


FIG. 48

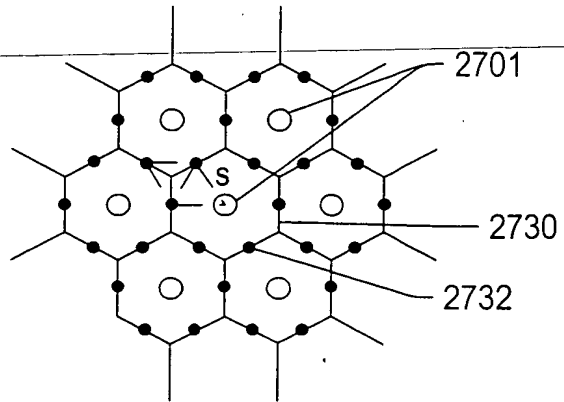


FIG. 49

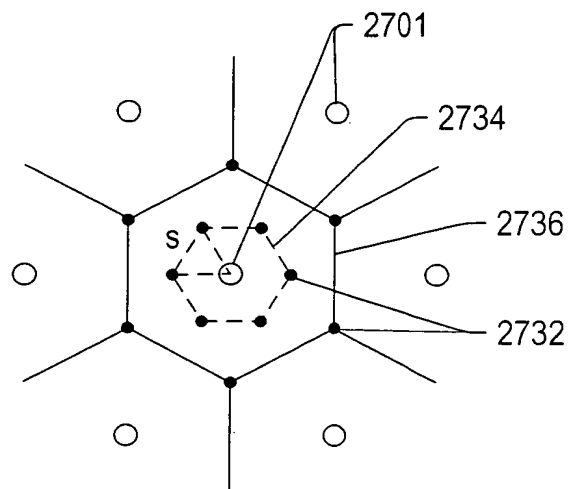


FIG. 50

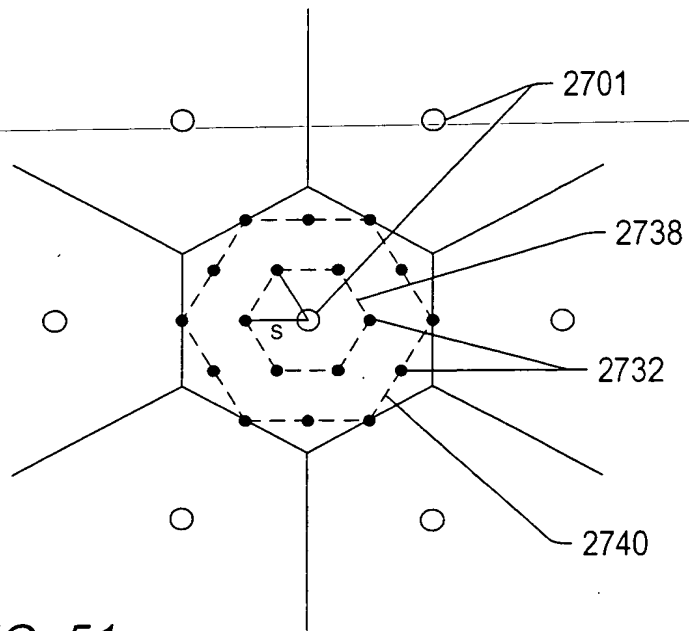


FIG. 51

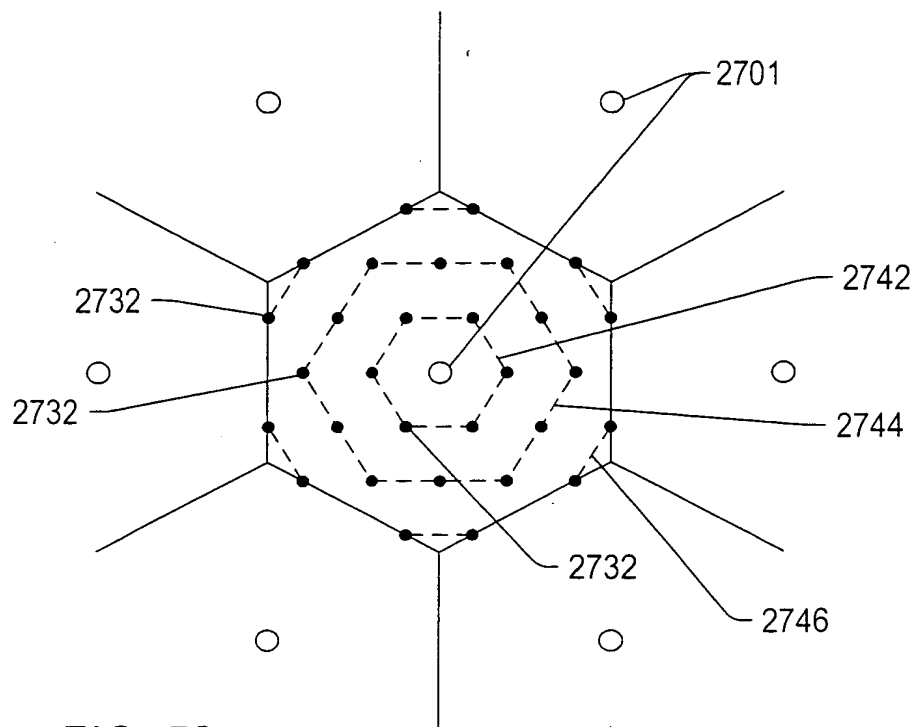


FIG. 52

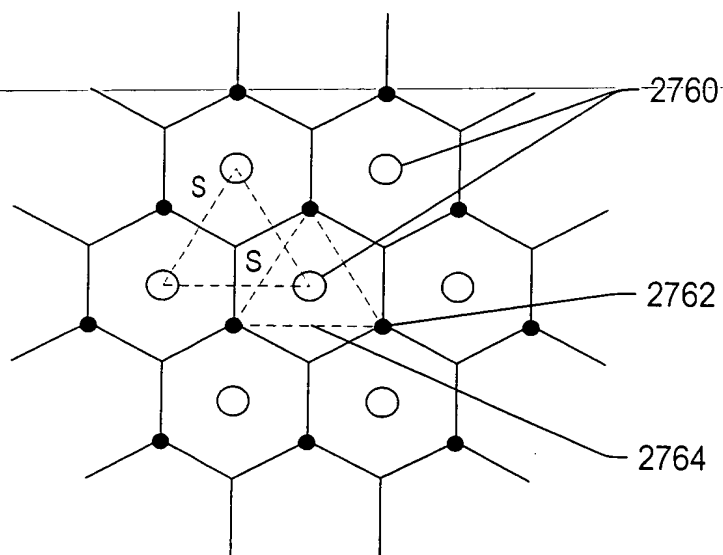


FIG. 53

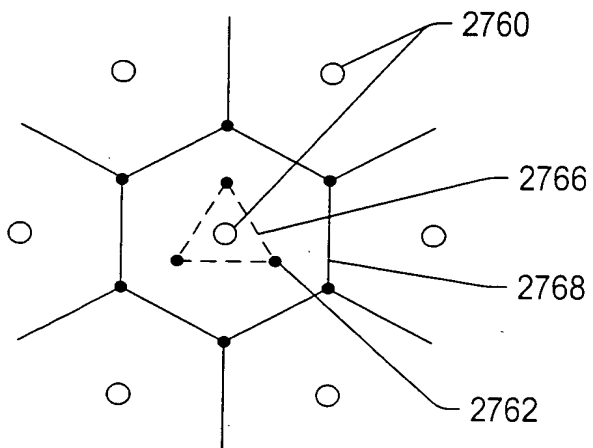


FIG. 54

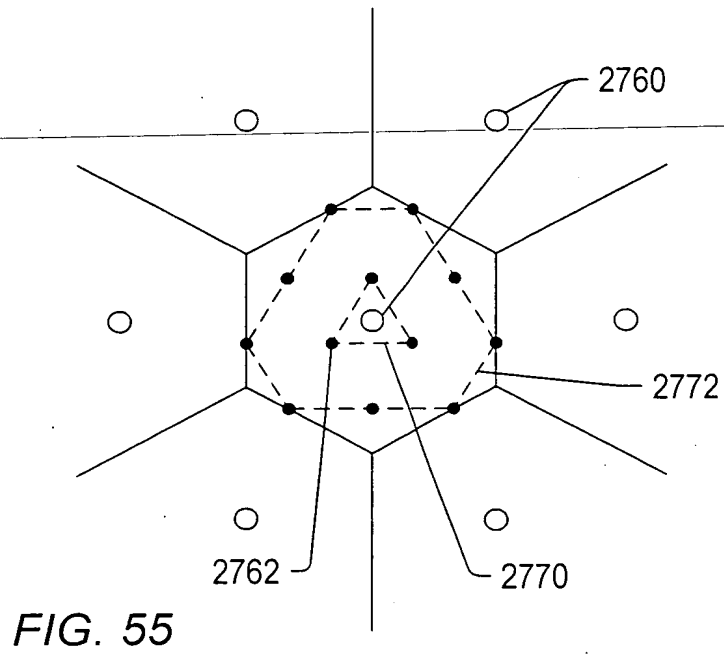


FIG. 55

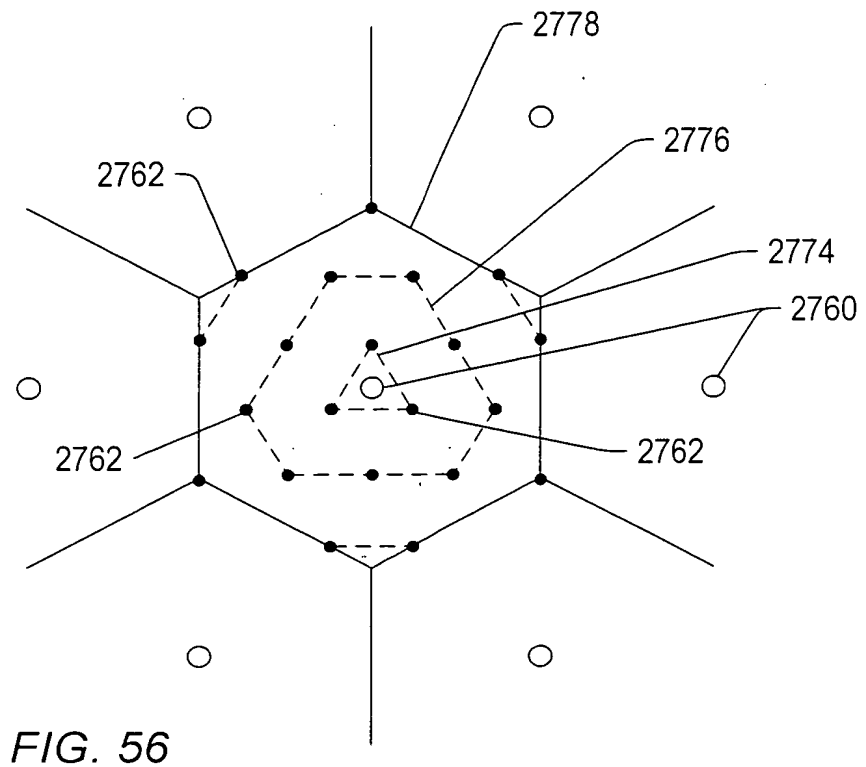


FIG. 56

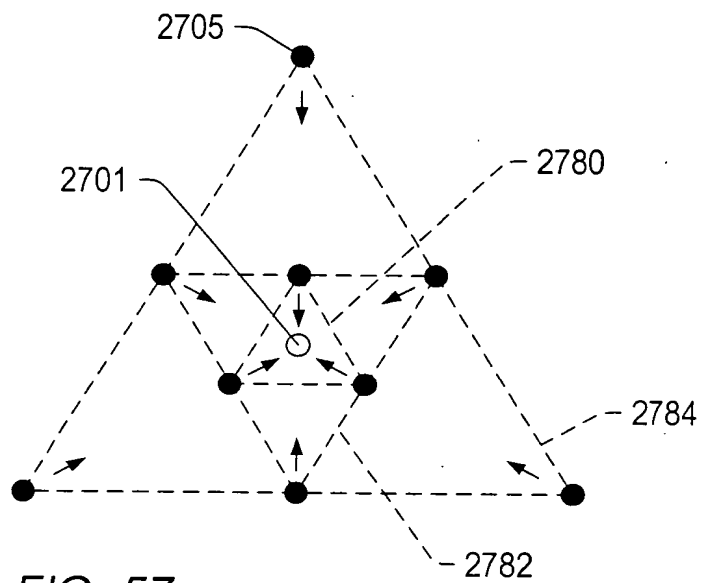


FIG. 57

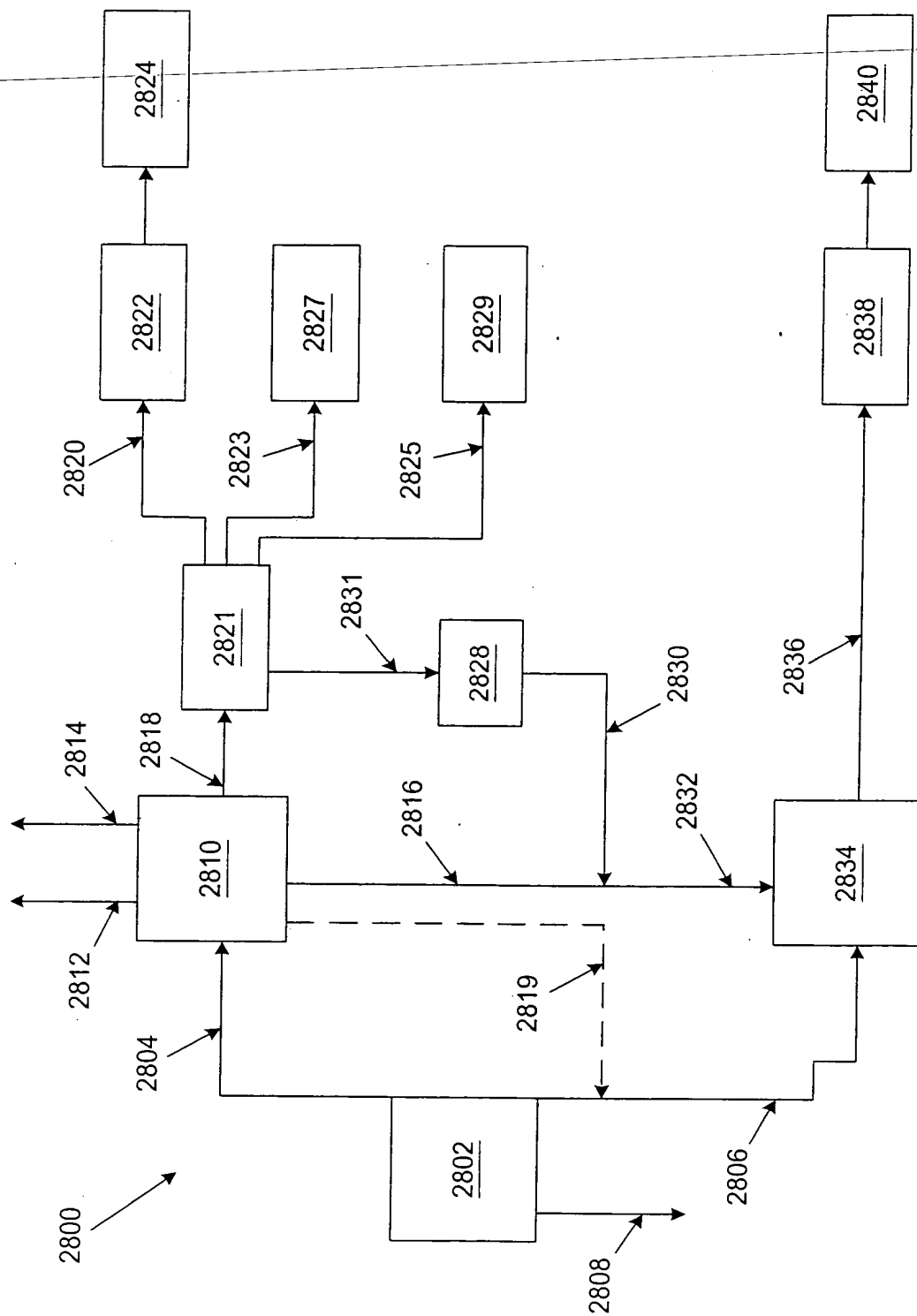
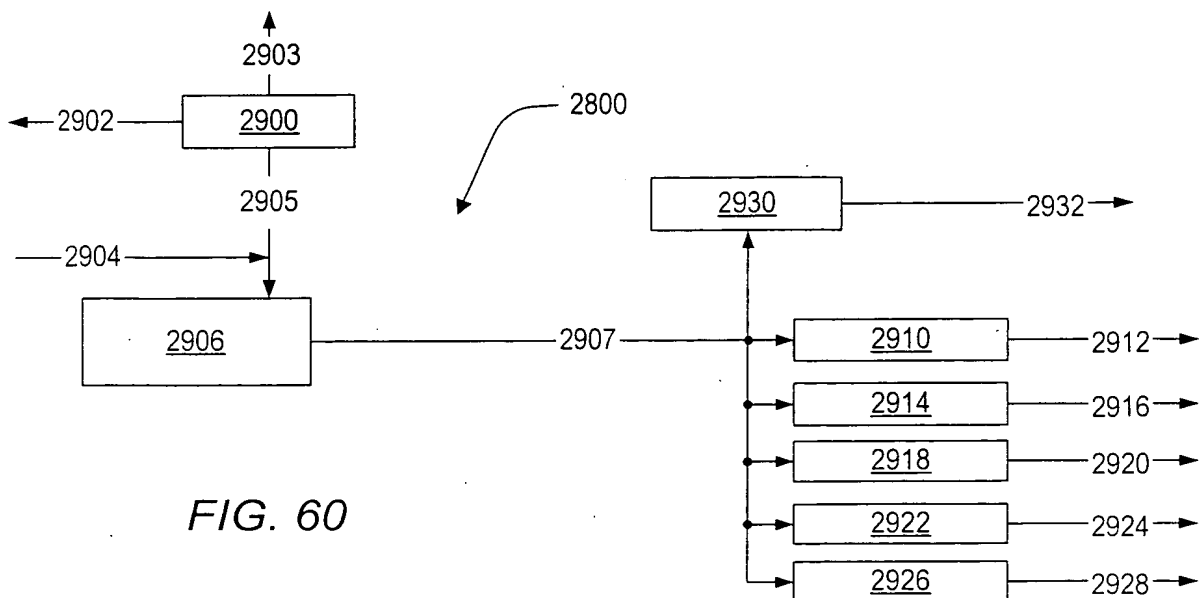
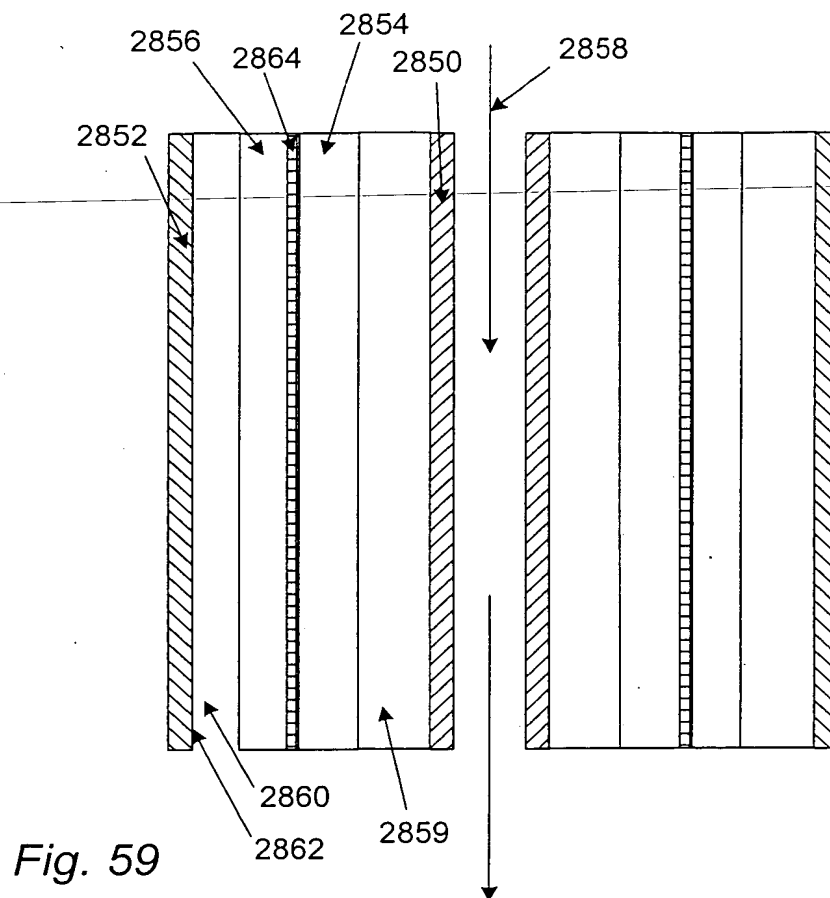


Fig. 58



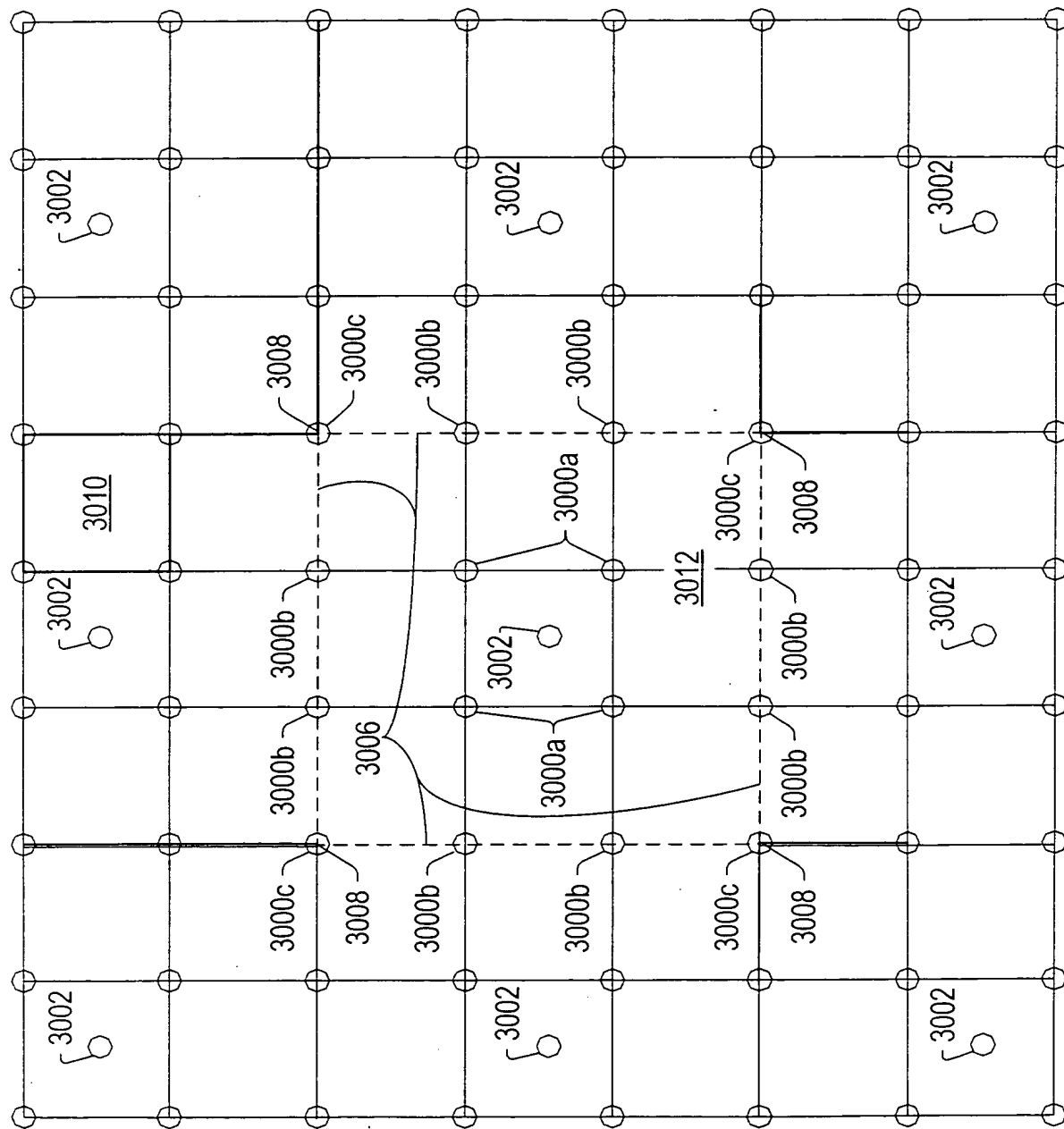


FIG. 61

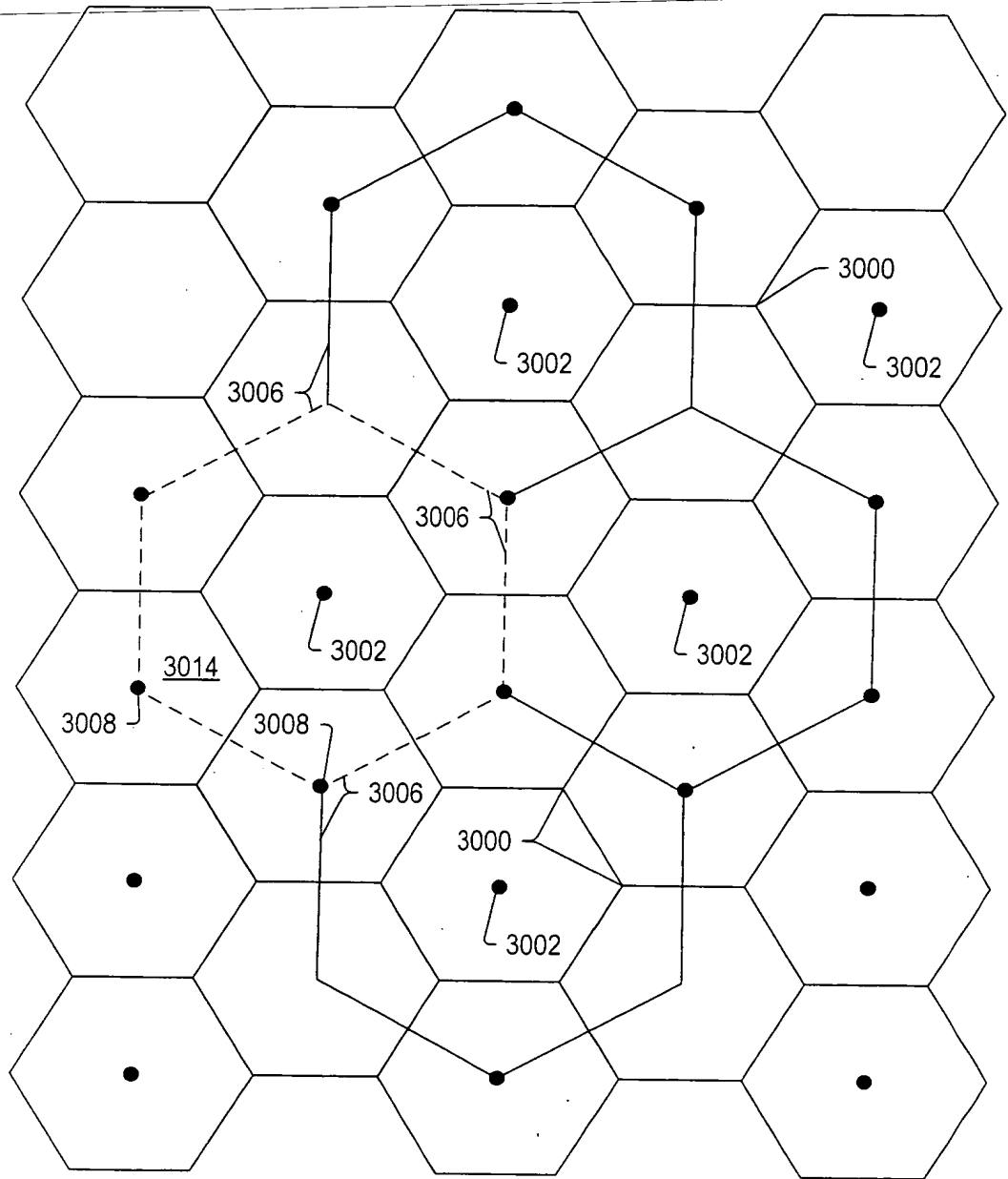


FIG. 62

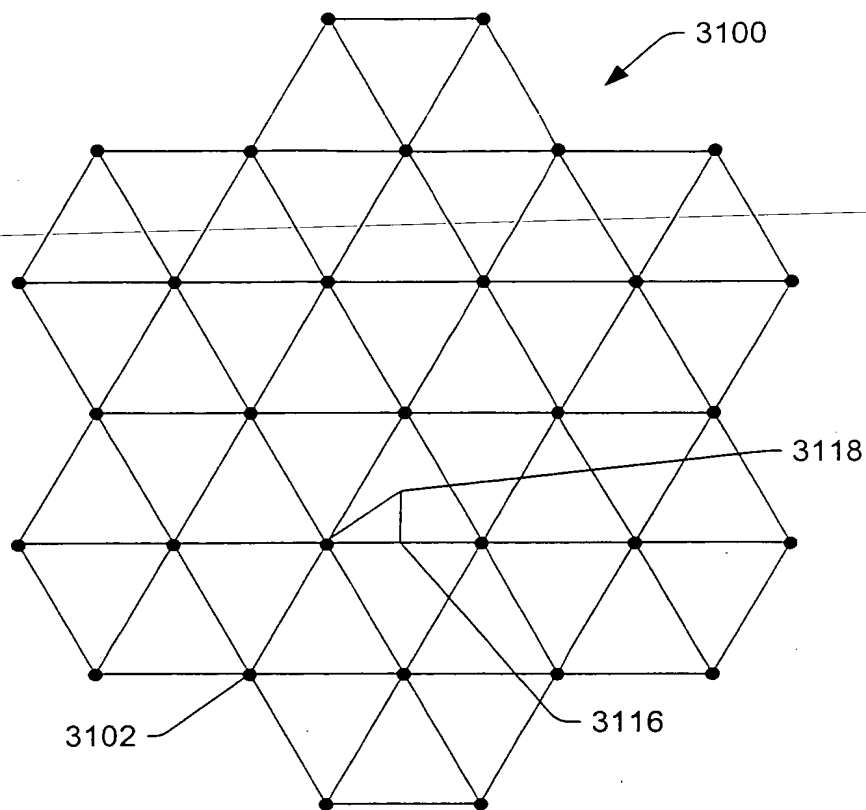


FIG. 63

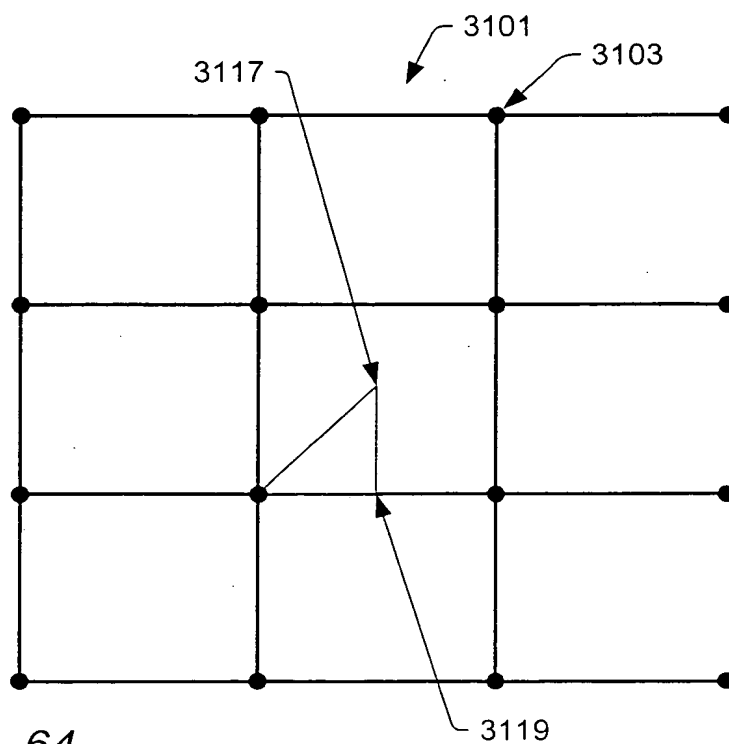


FIG. 64

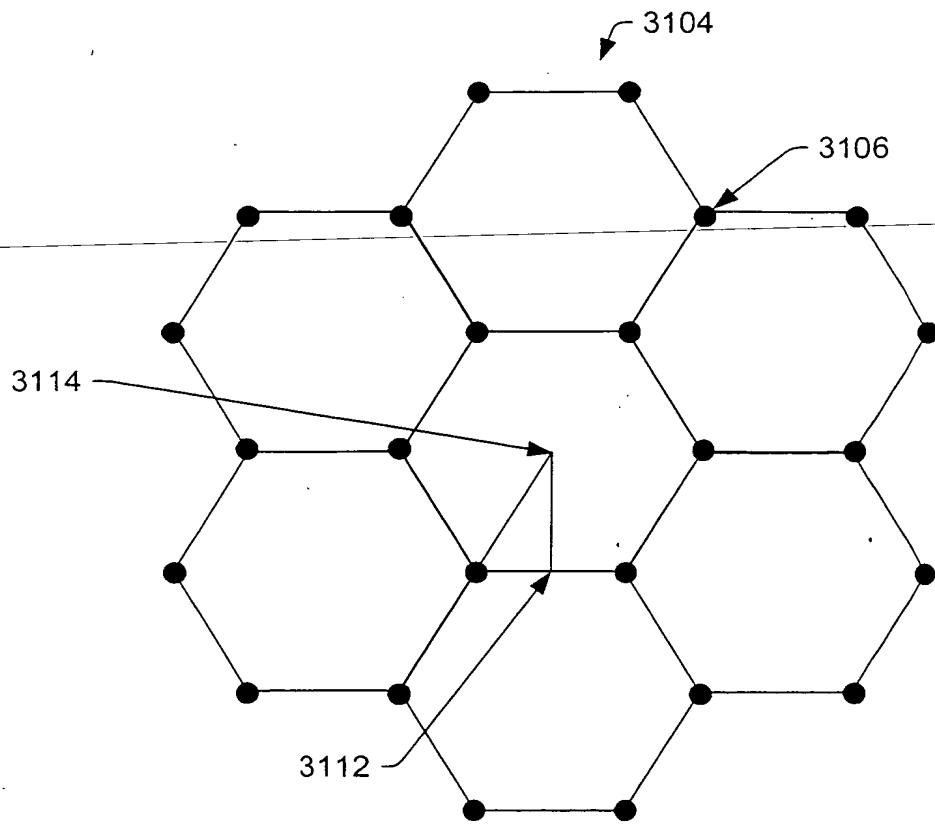


FIG. 65

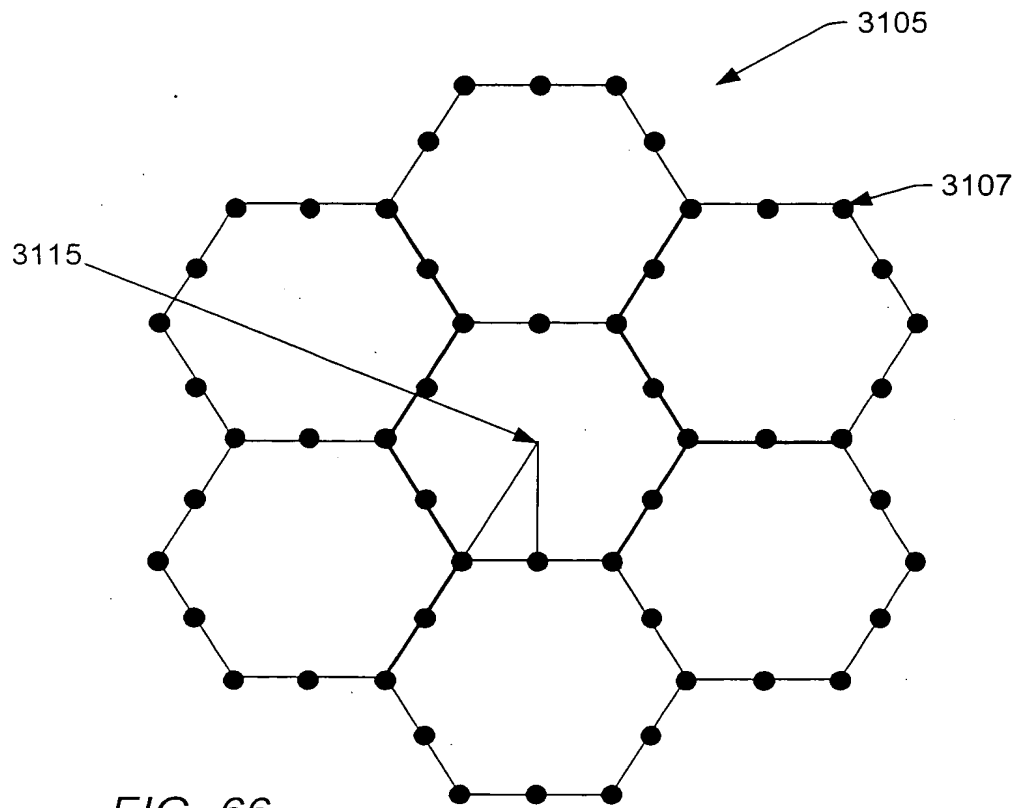


FIG. 66

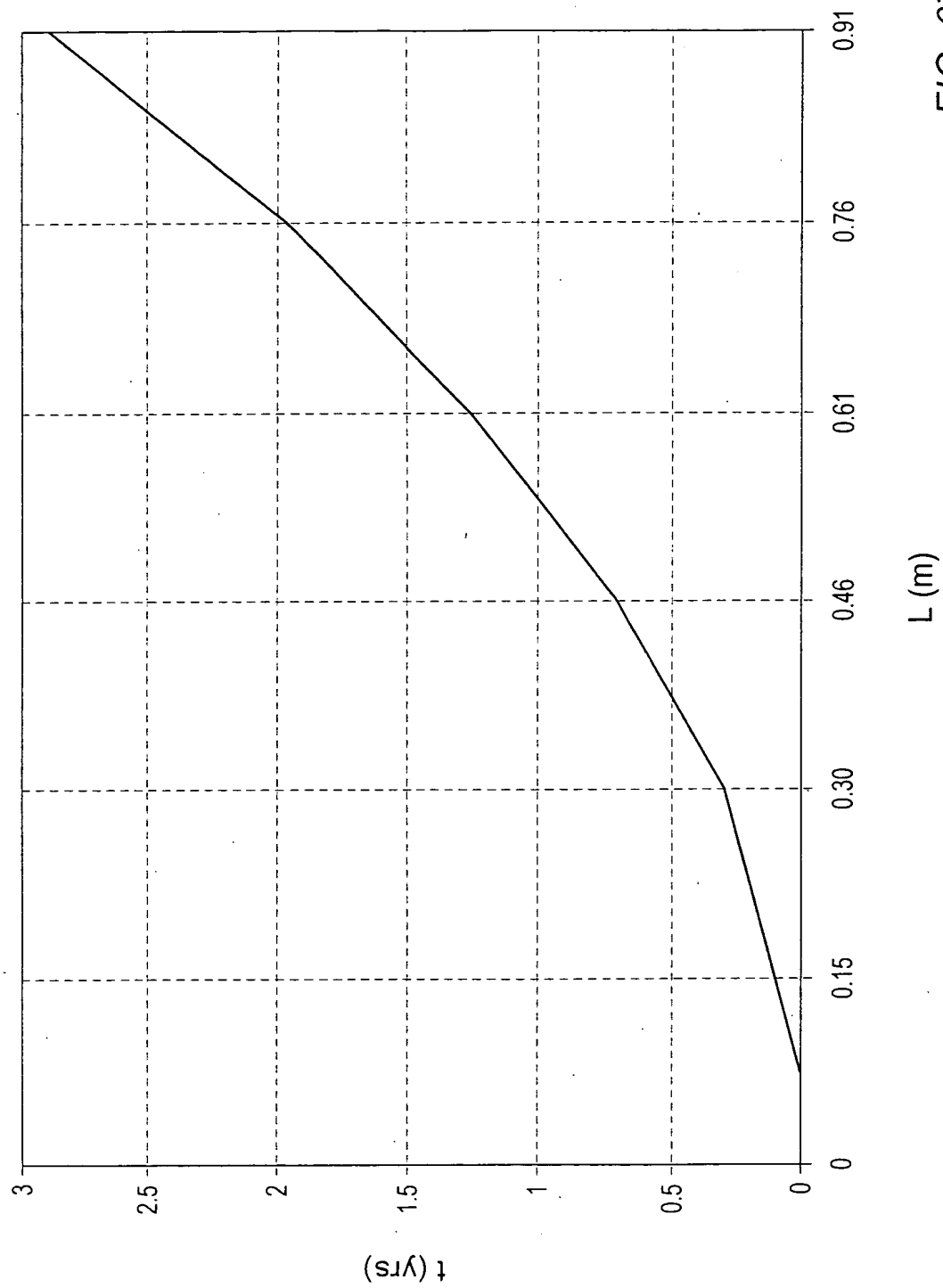


FIG. 67

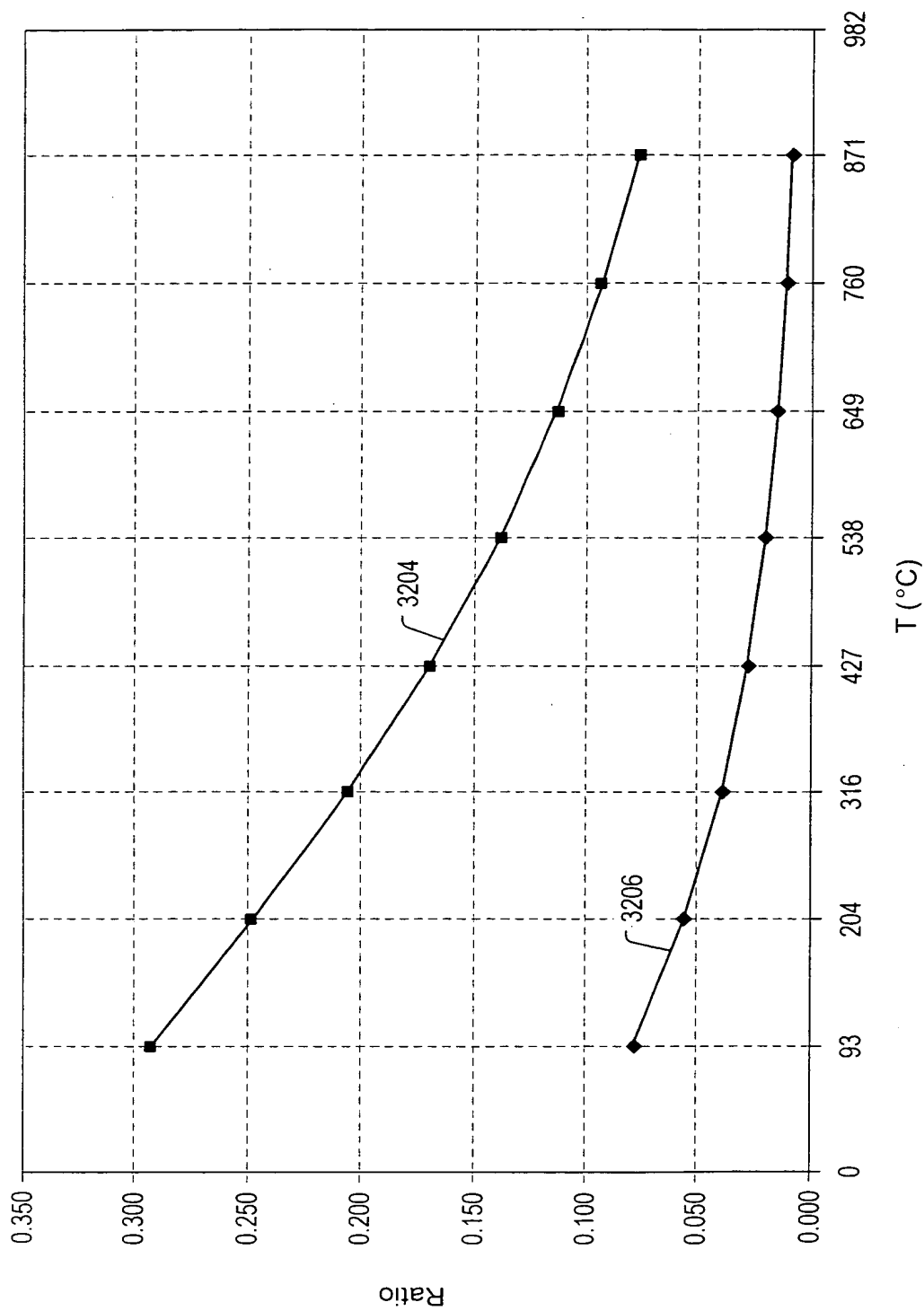


FIG. 68

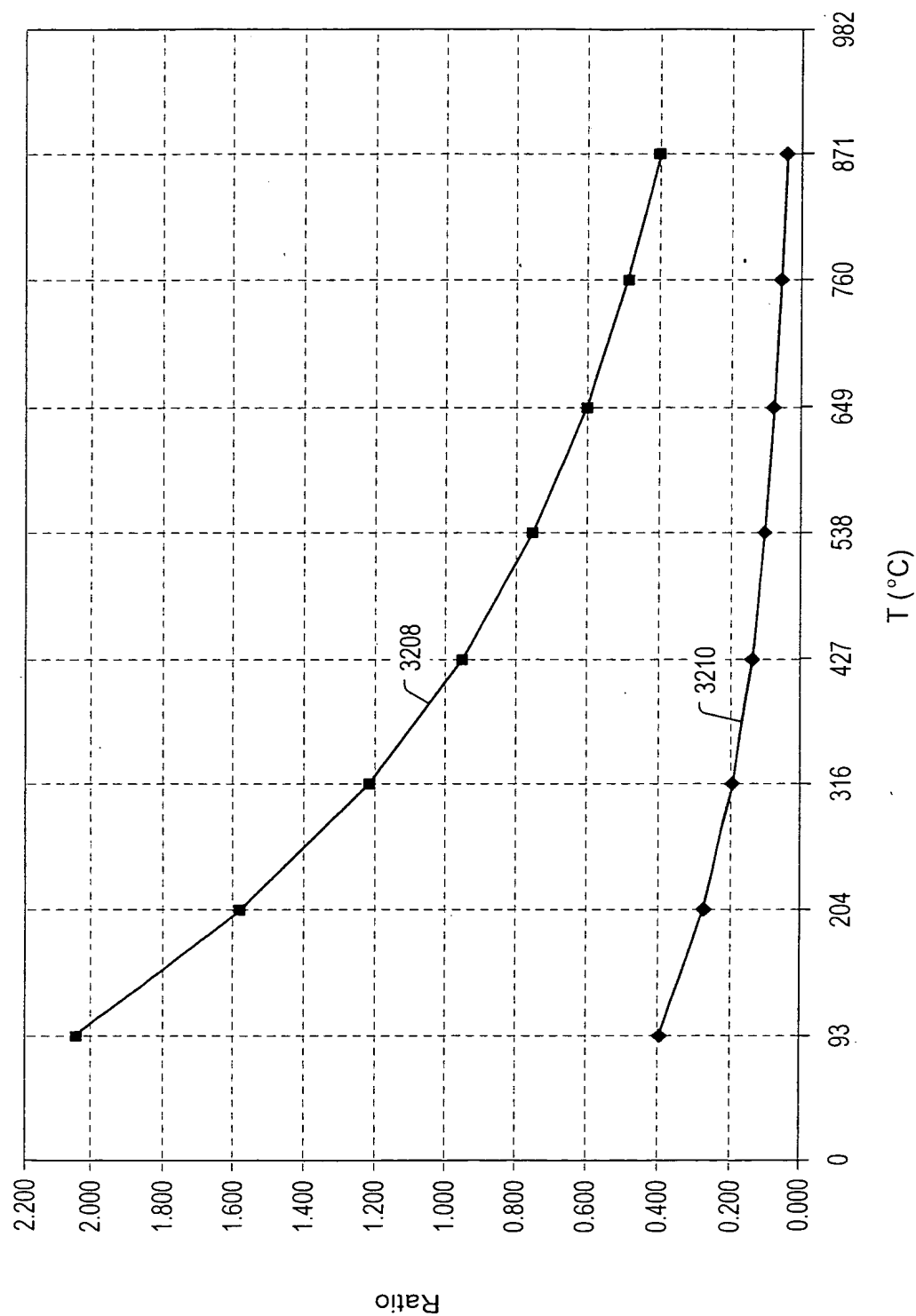


FIG. 69

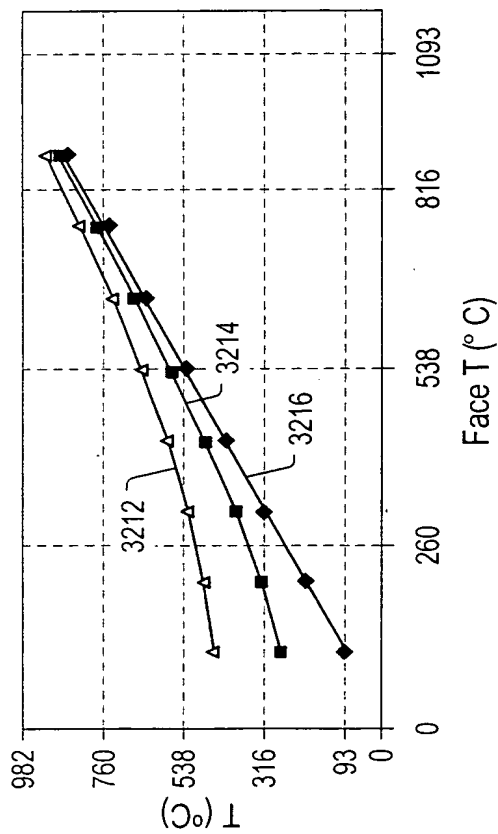


FIG. 70

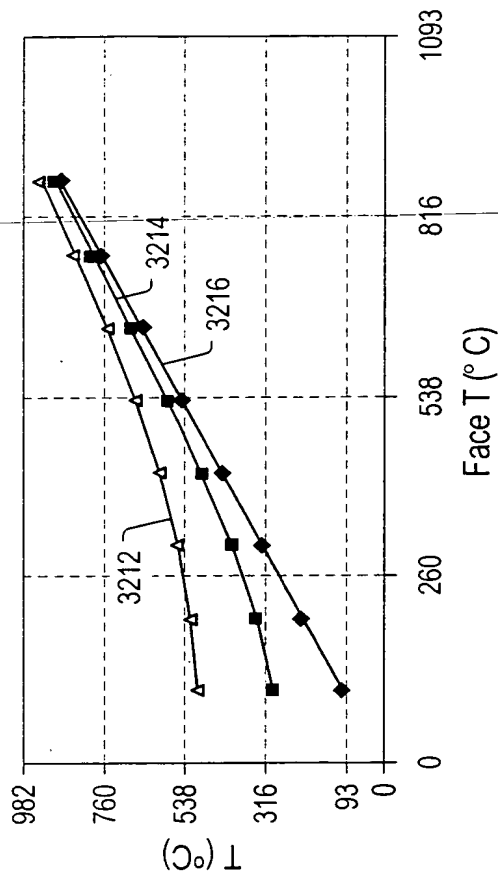


FIG. 71

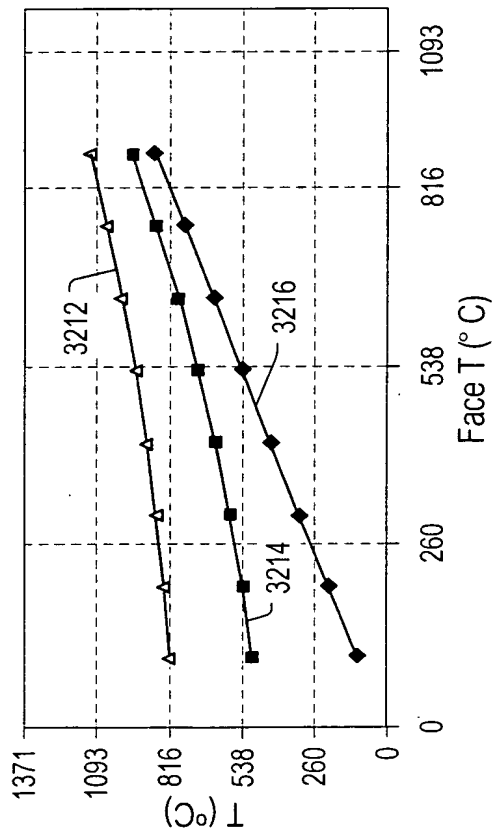


FIG. 72

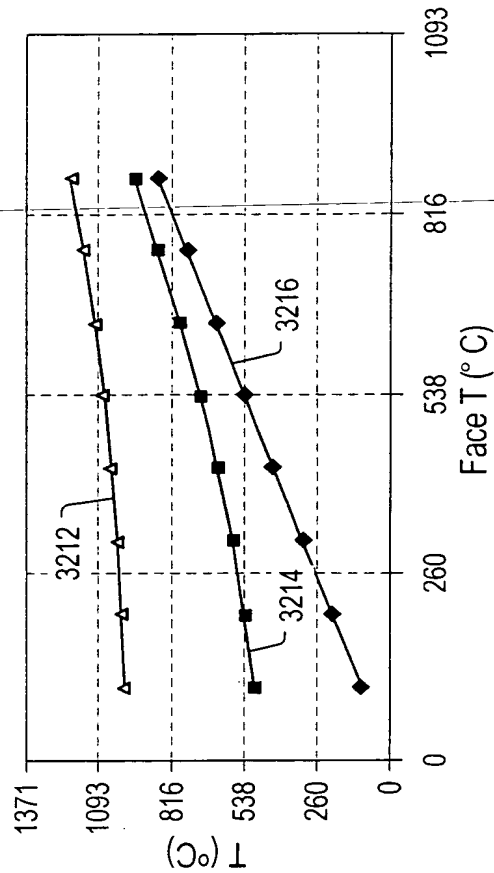


FIG. 73

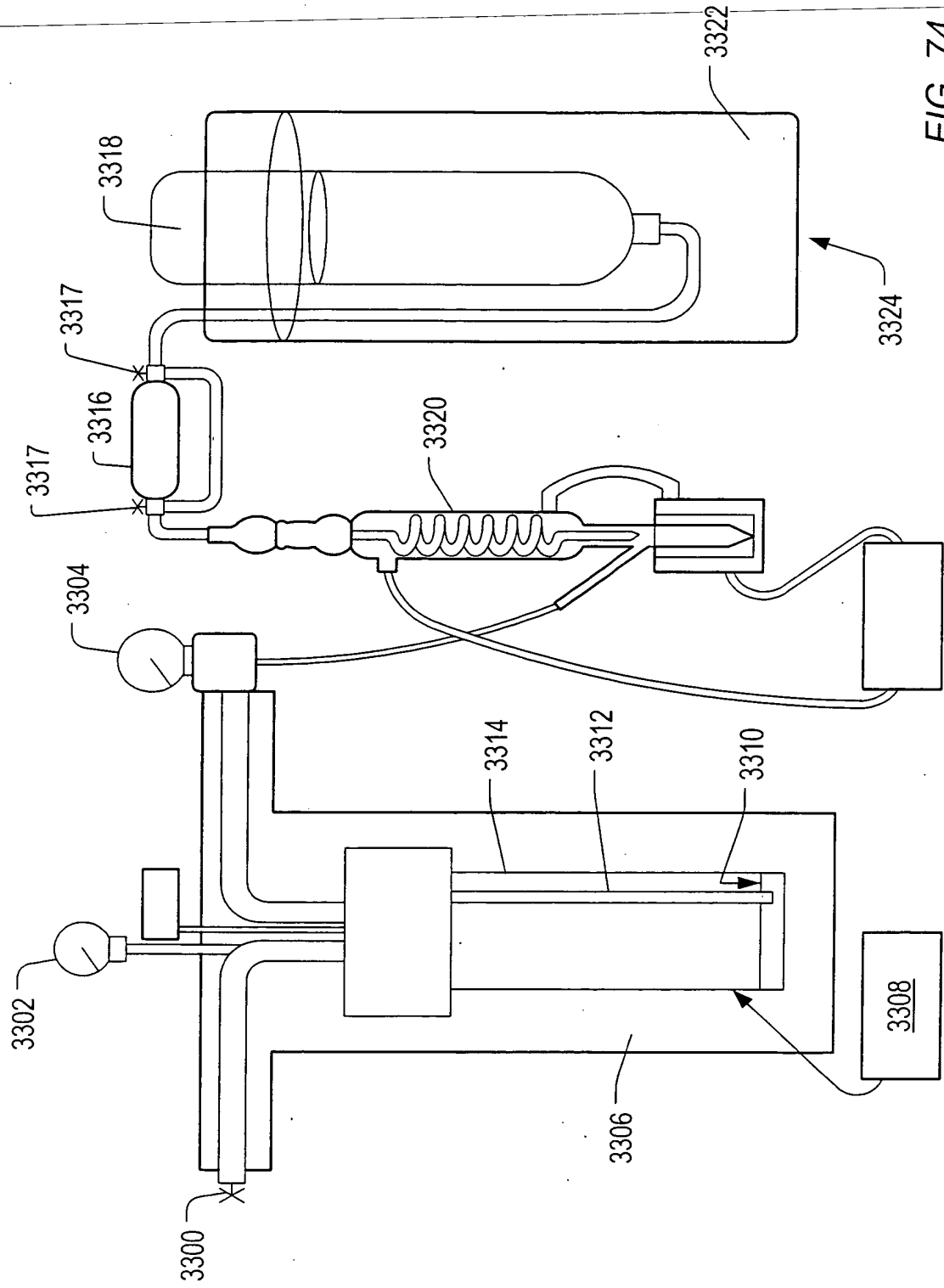


FIG. 74

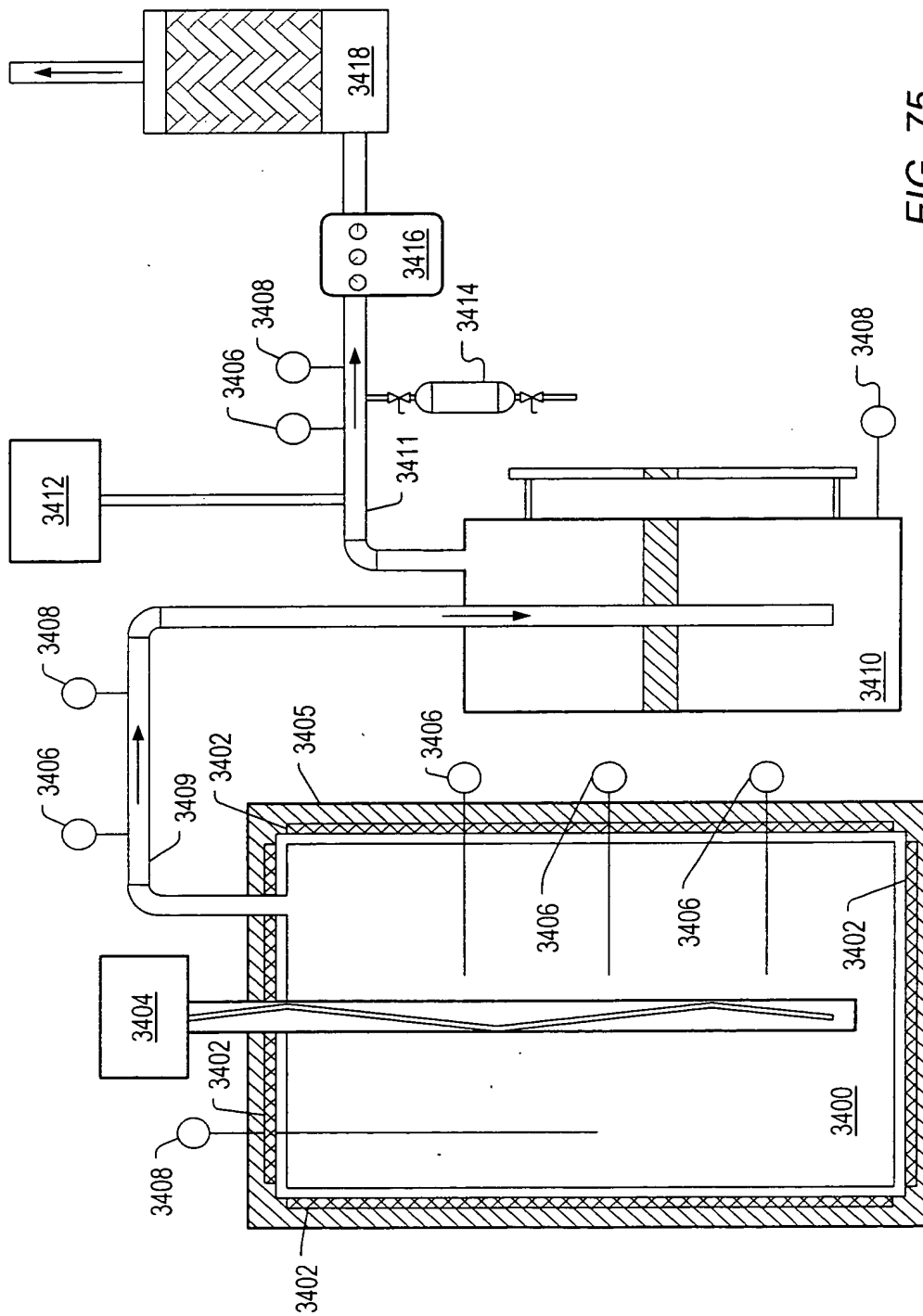


FIG. 75

FIG. 76

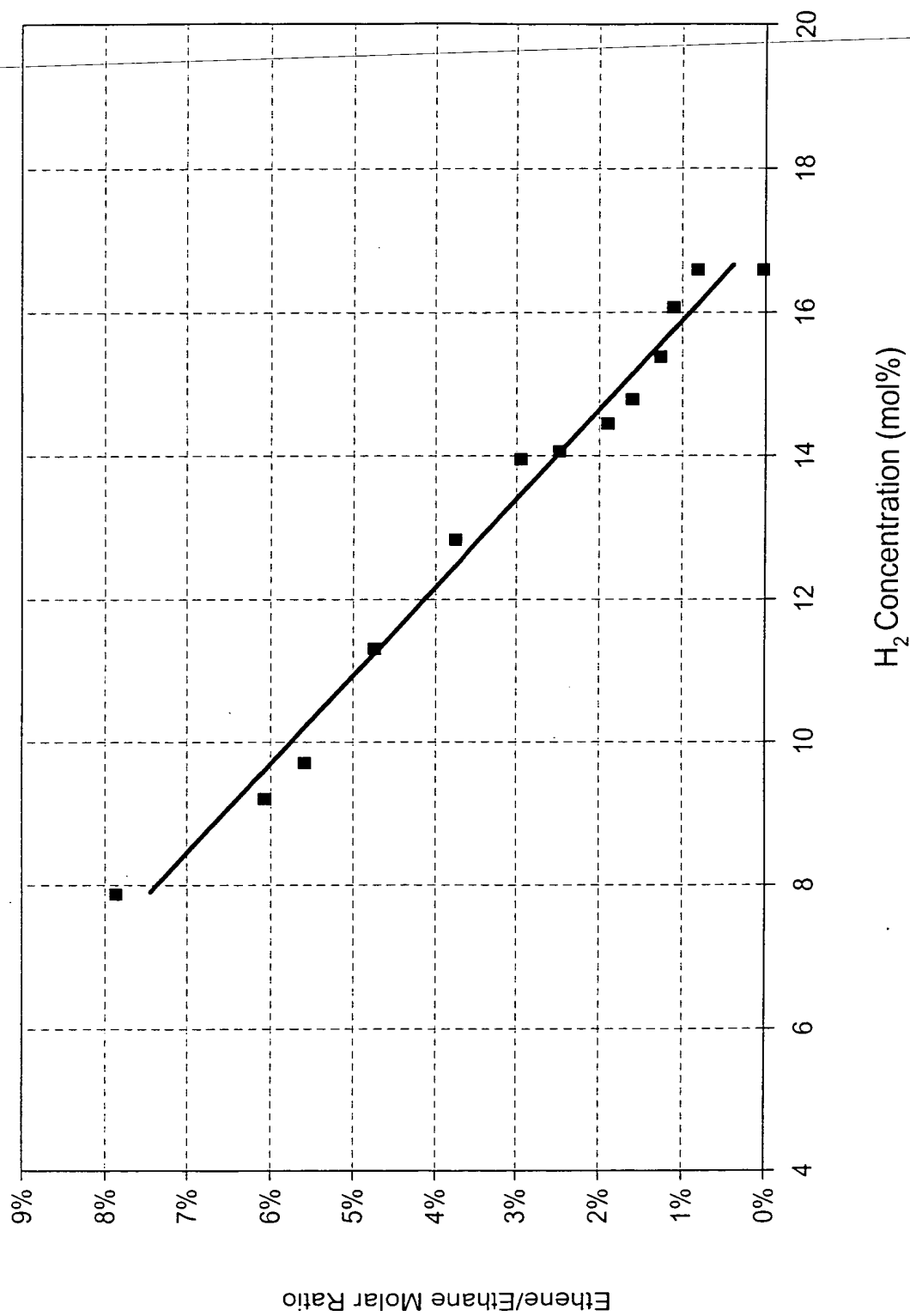


FIG. 76

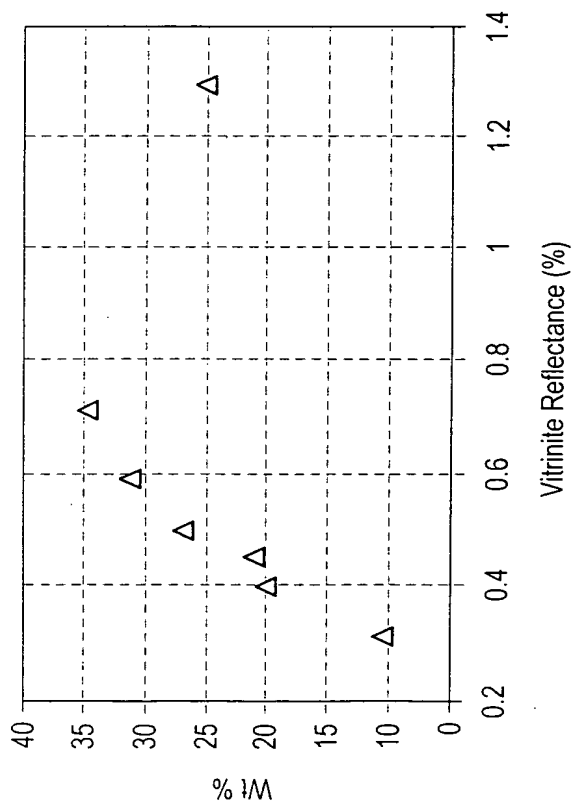


FIG. 77

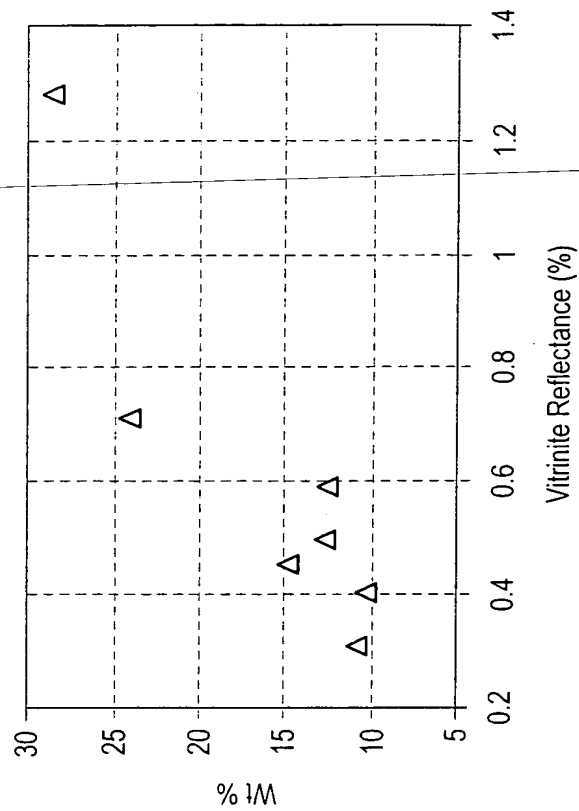


FIG. 78

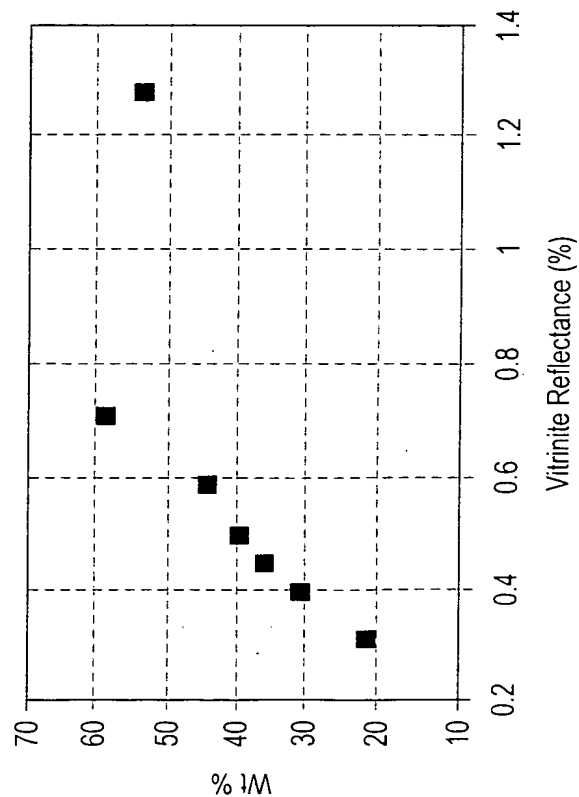


FIG. 79

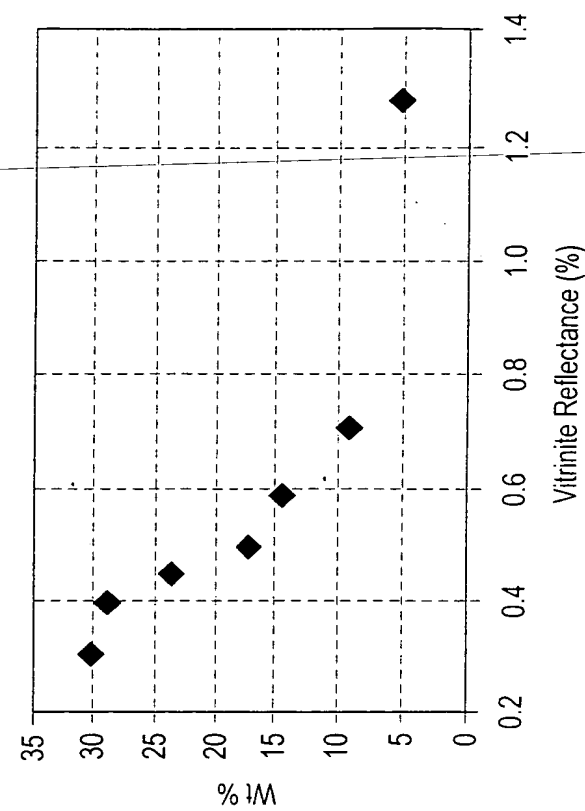


FIG. 80

094105 0401 101240 T 9074860

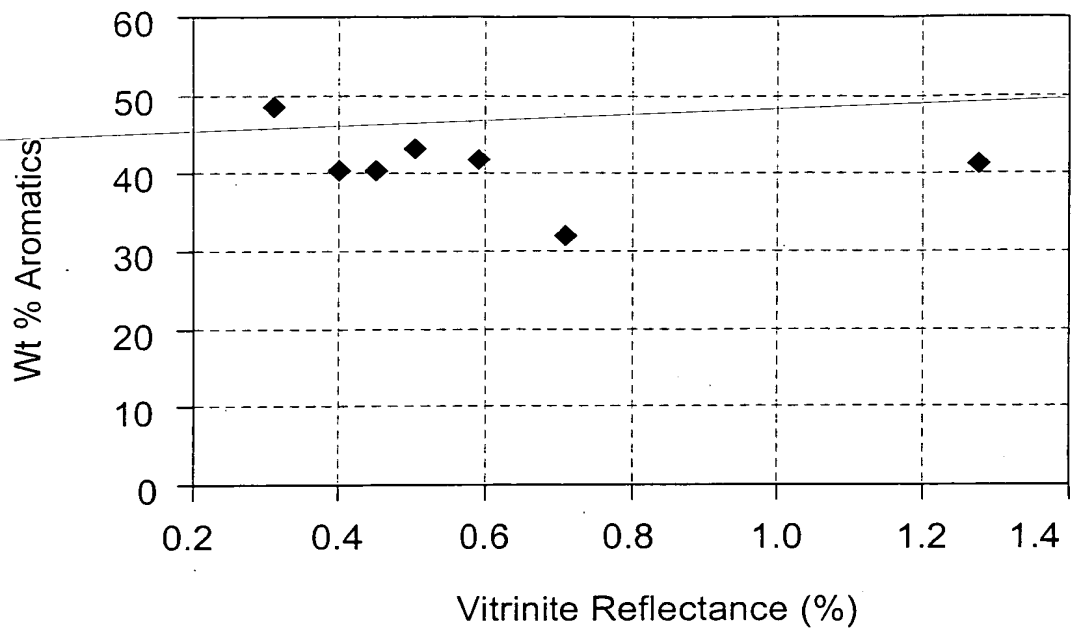


FIG. 81

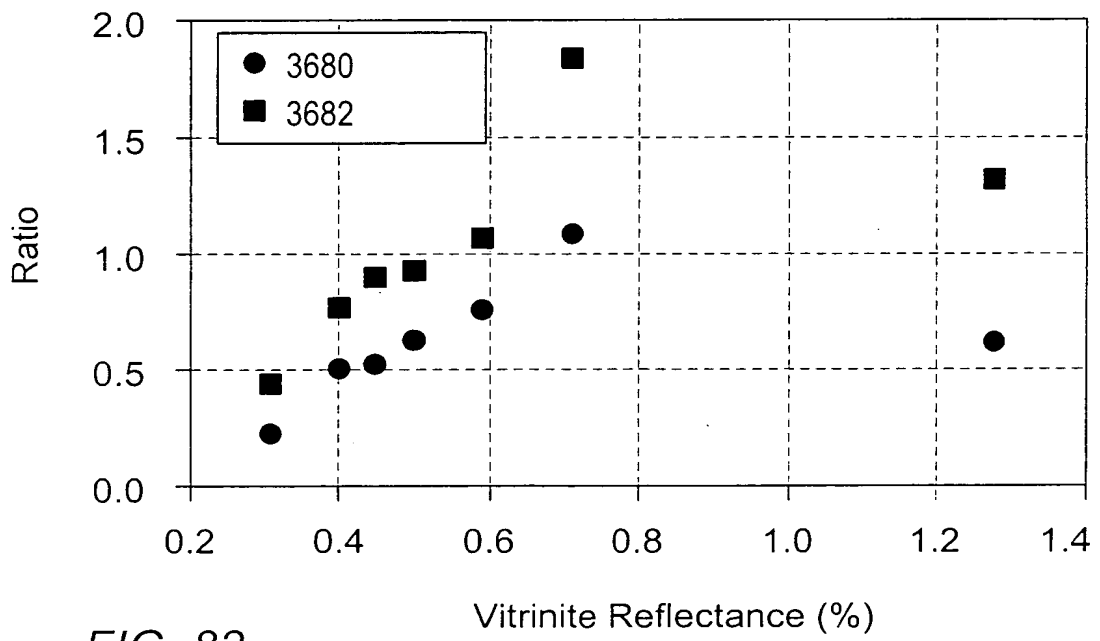
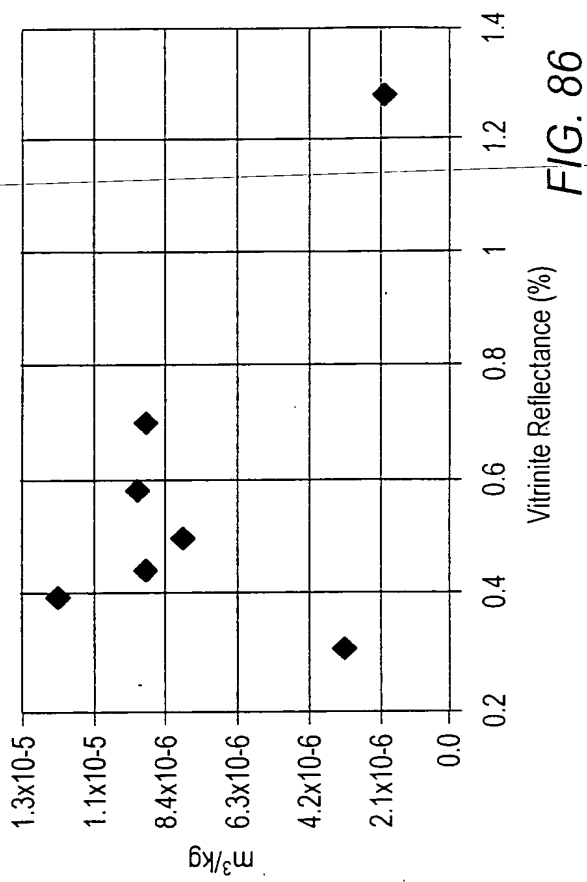
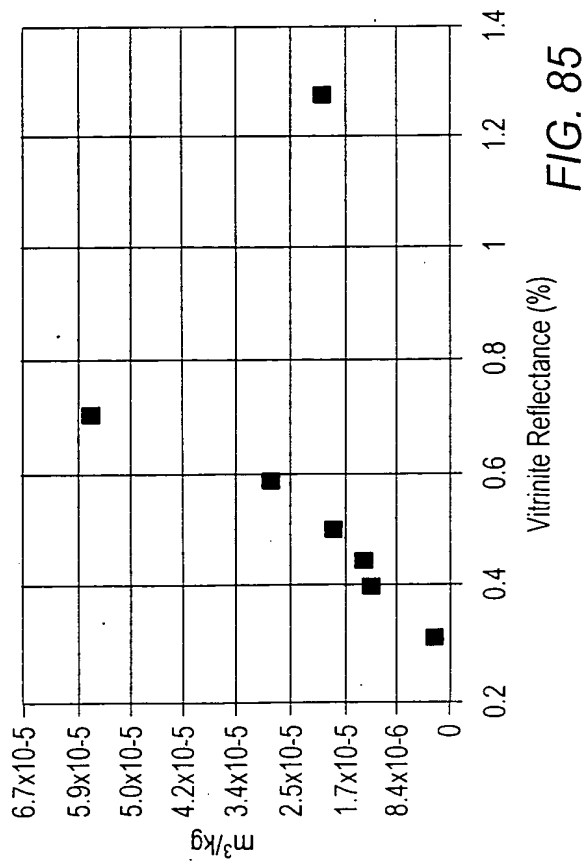
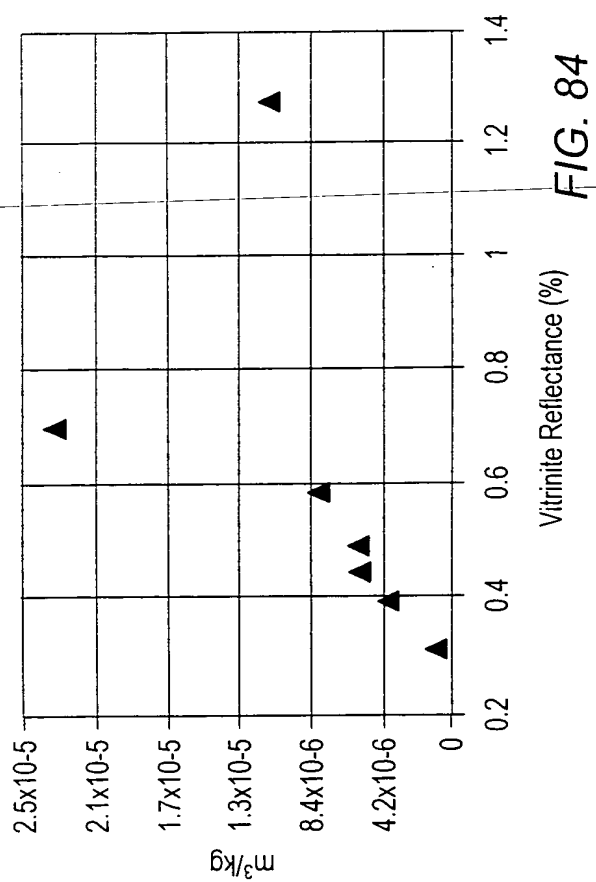
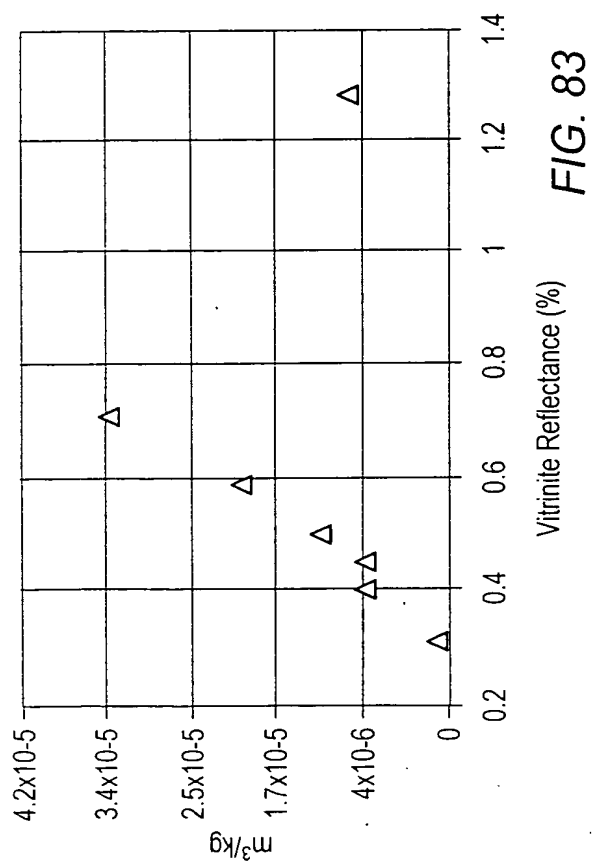


FIG. 82



FOH240" T90TH860

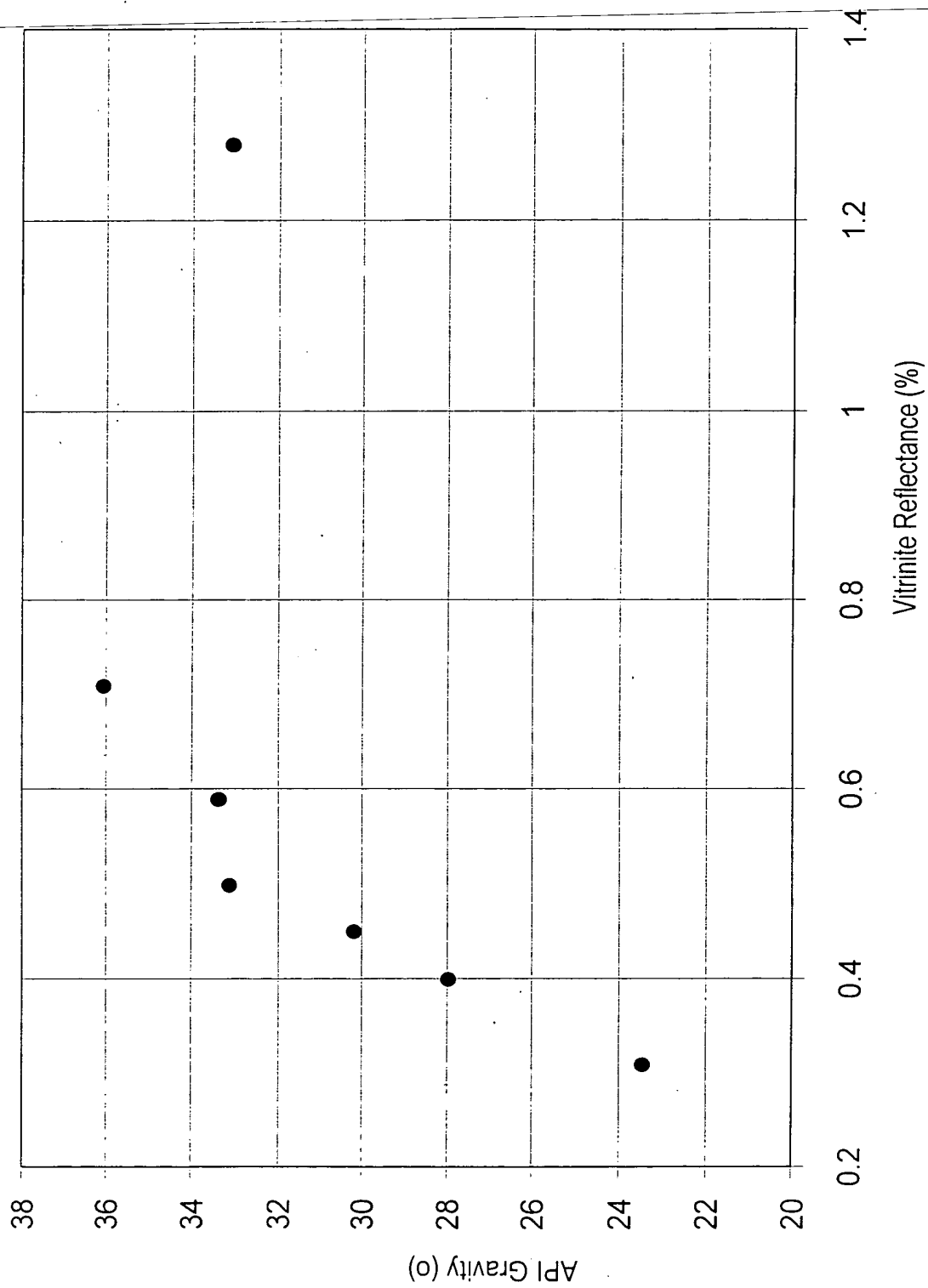
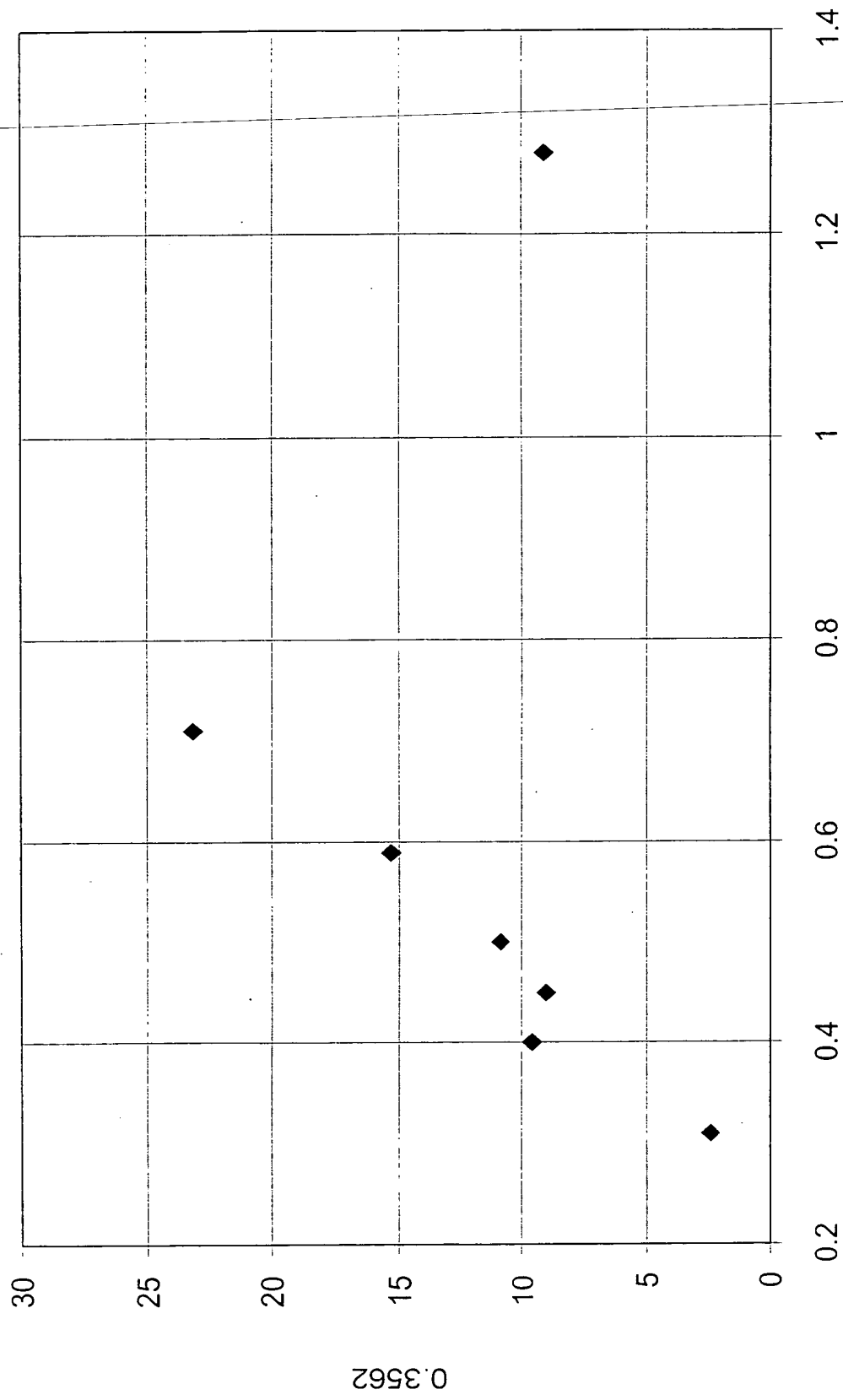


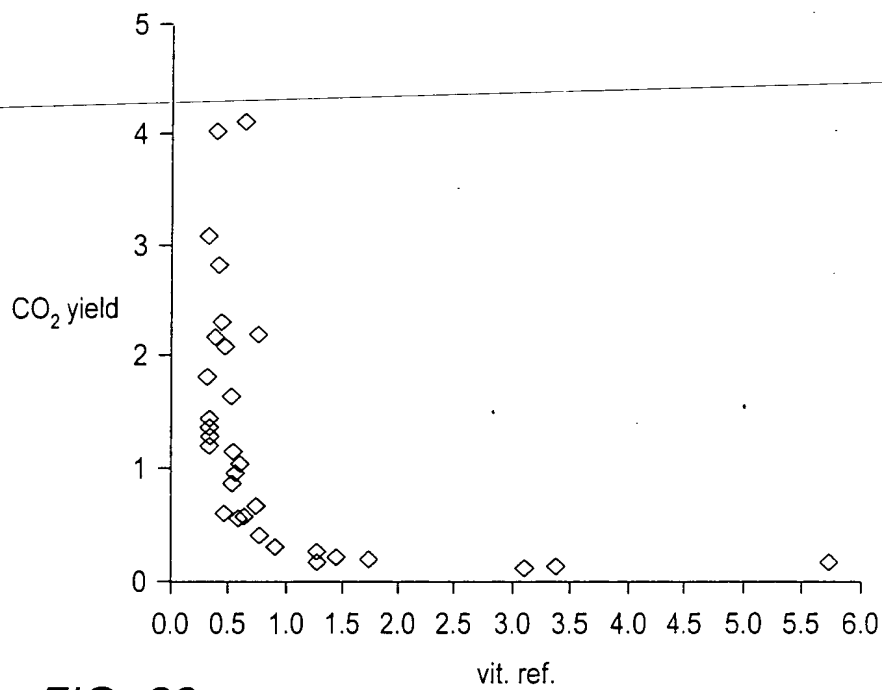
FIG. 87

T04240" T90T4860



Vitrinite Reflectance (%)

FIG. 88



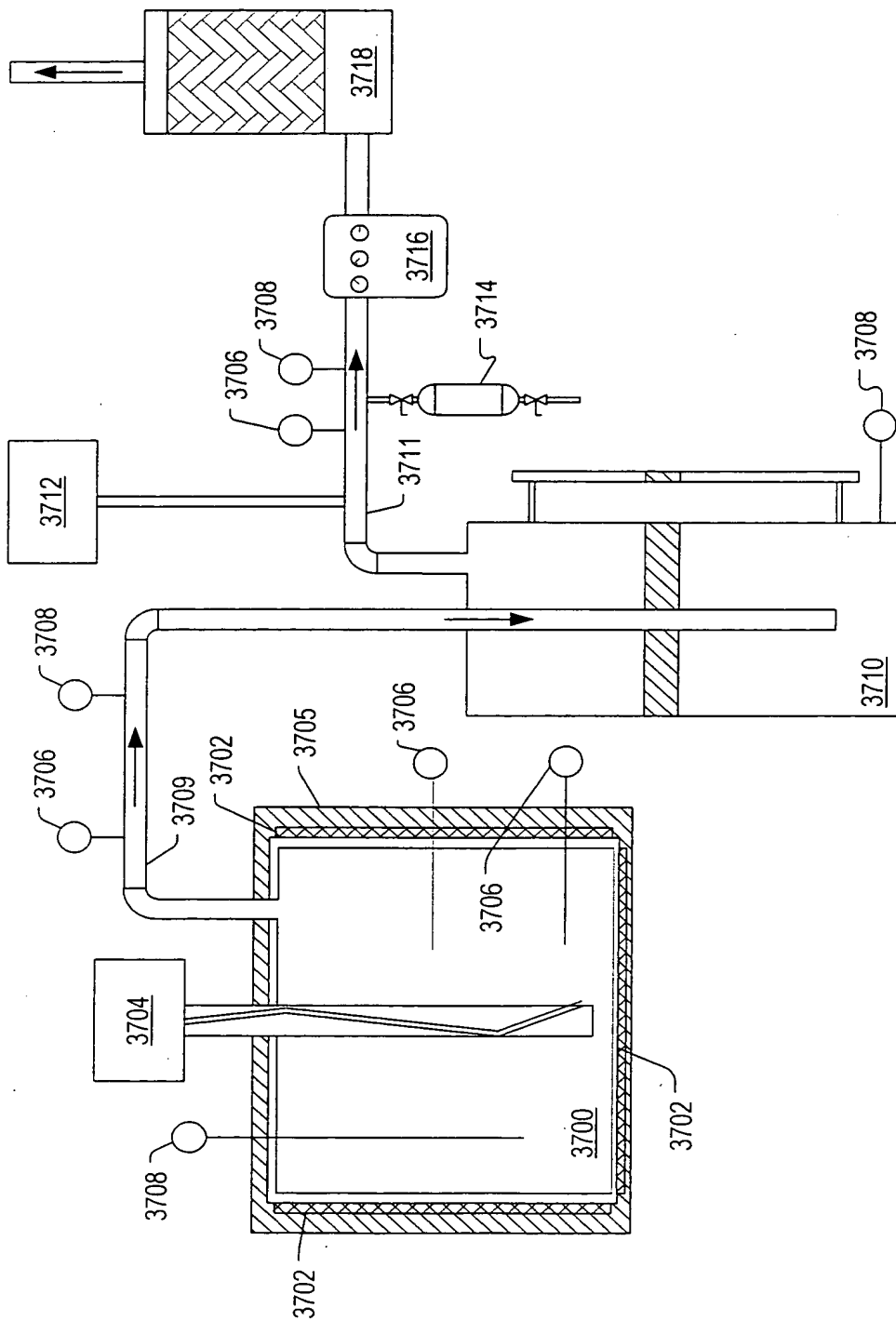


FIG. 91

FOOTHO" T90T4B60

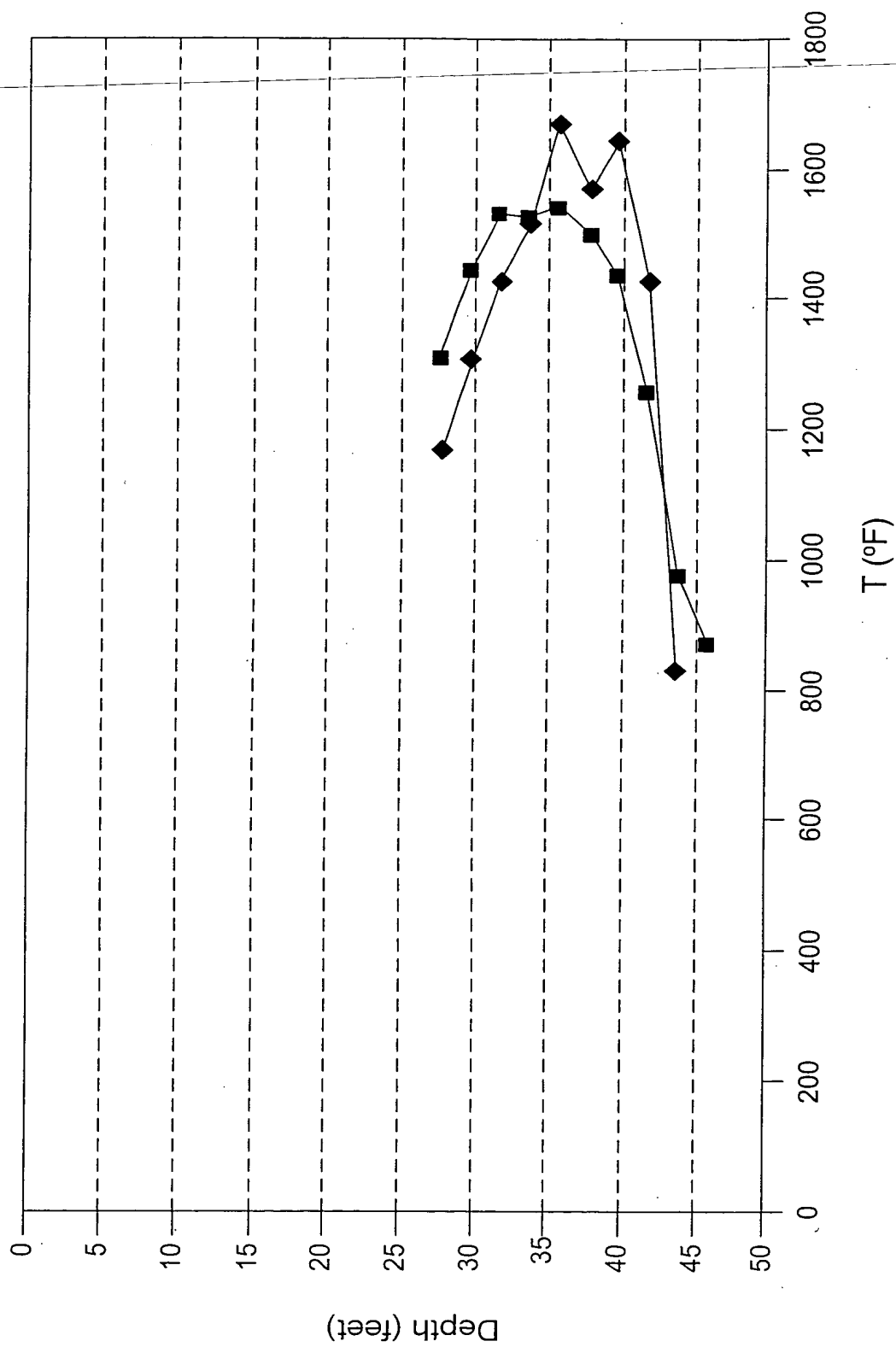


FIG. 92

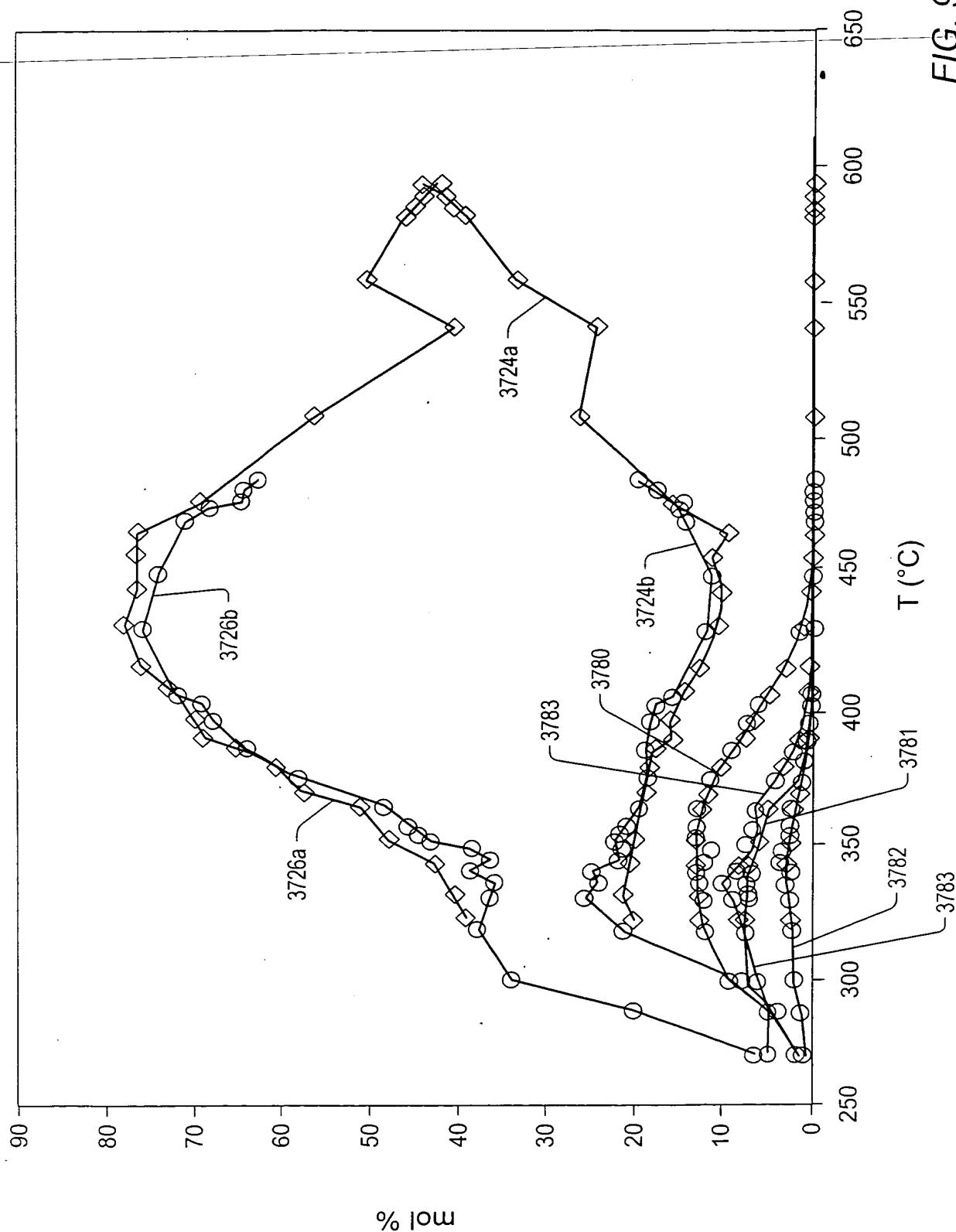


FIG. 93

FIG. 94

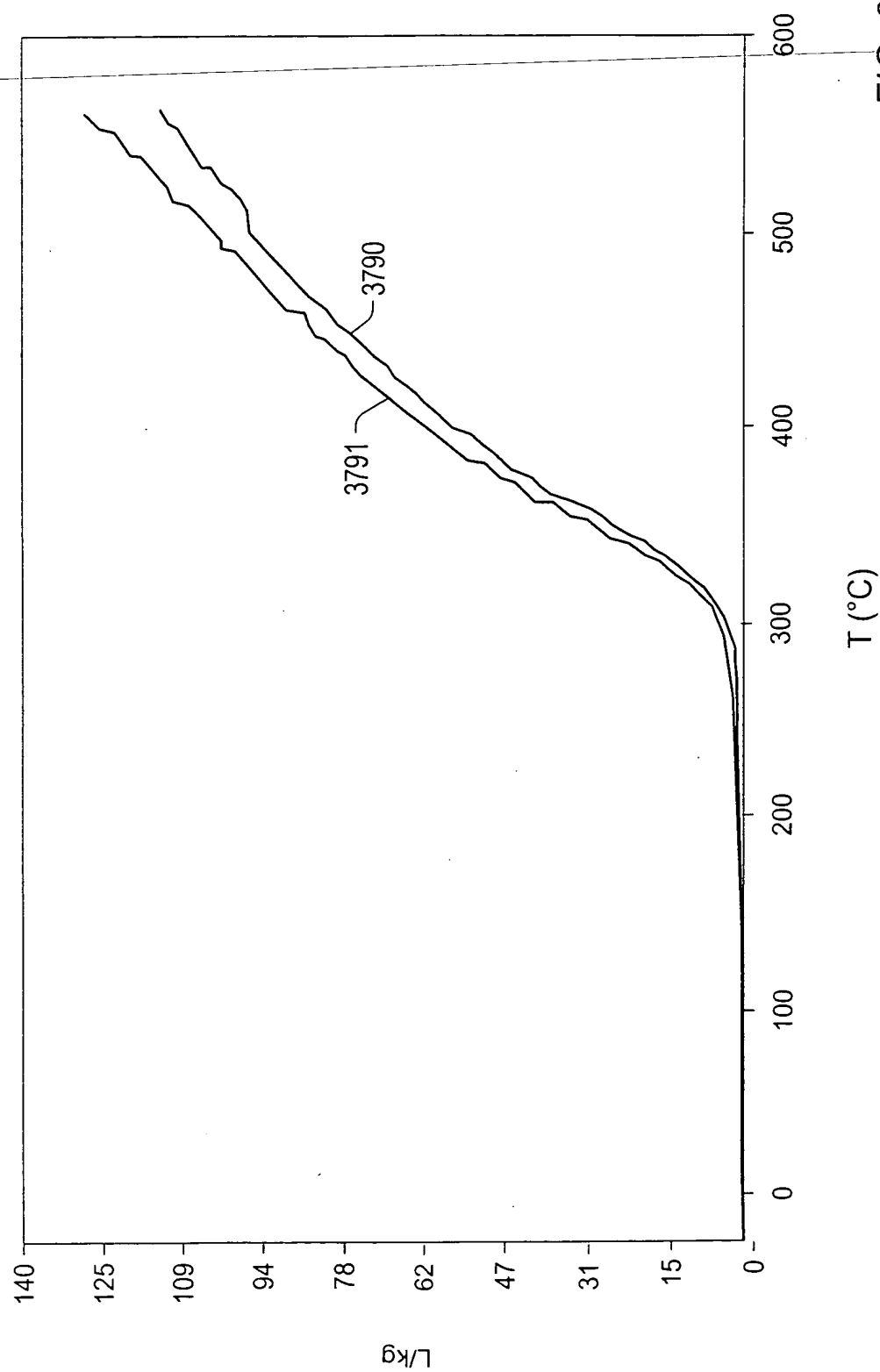


FIG. 94

T04240" T90T4860

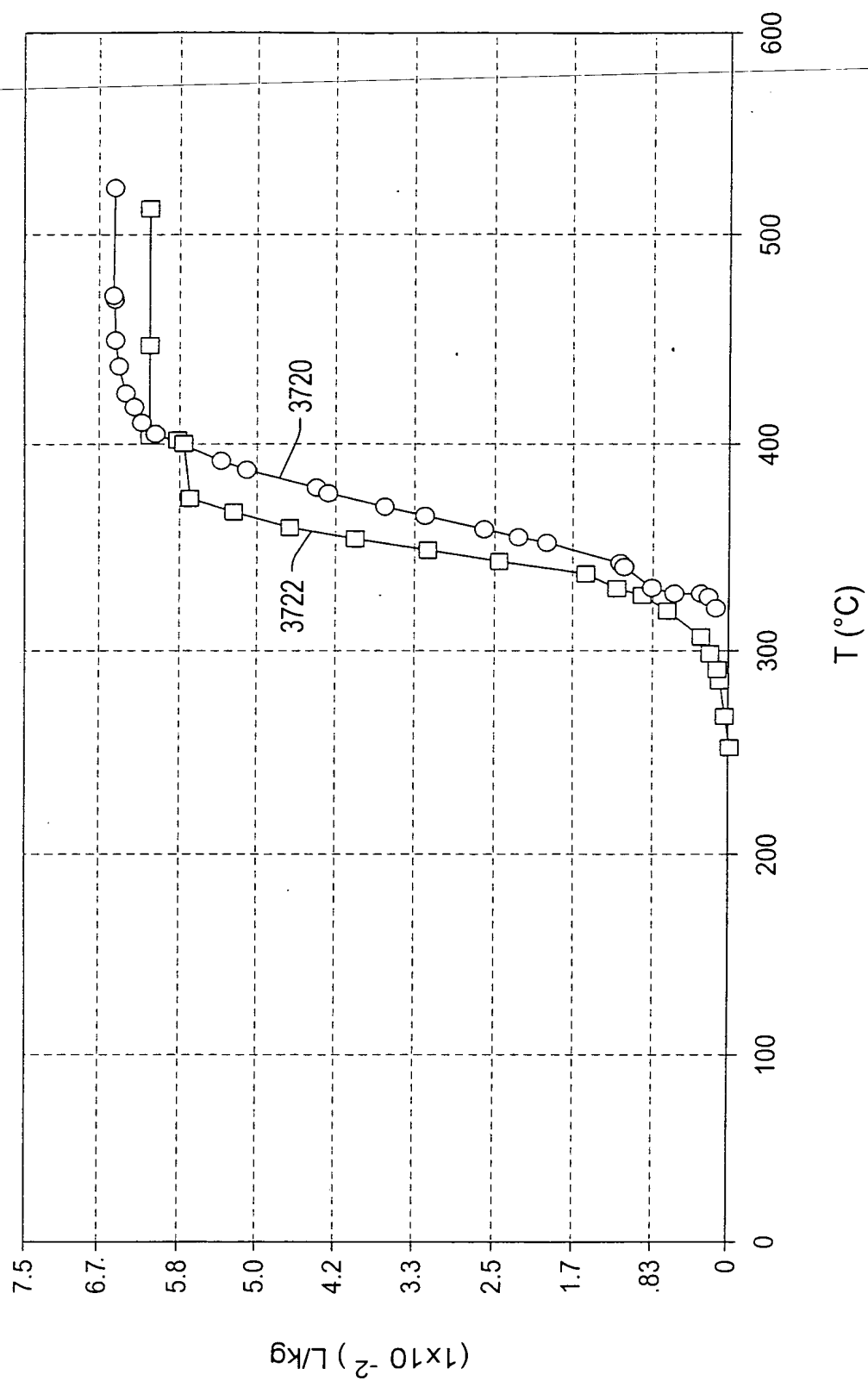


FIG. 95

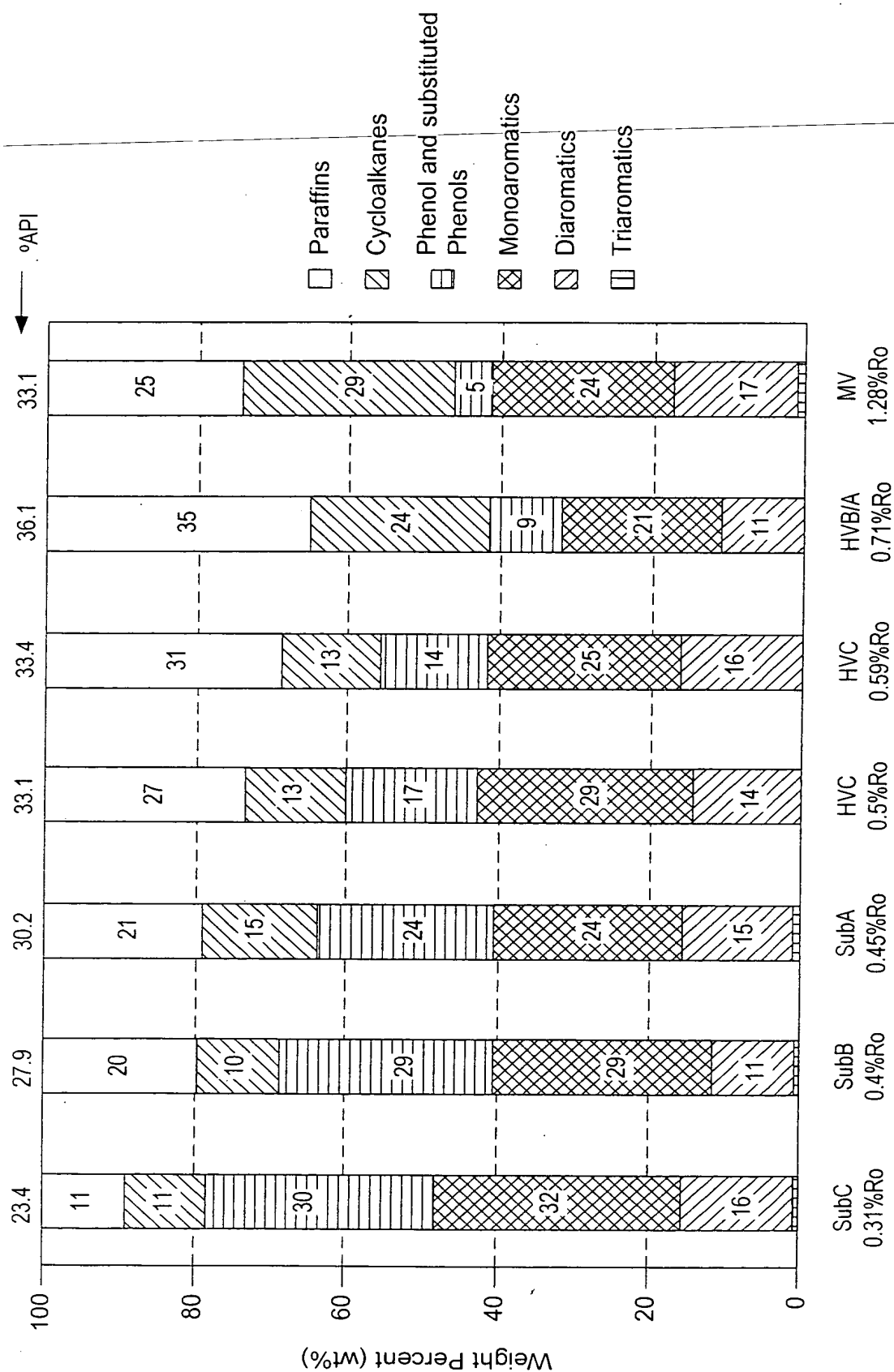


FIG. 96

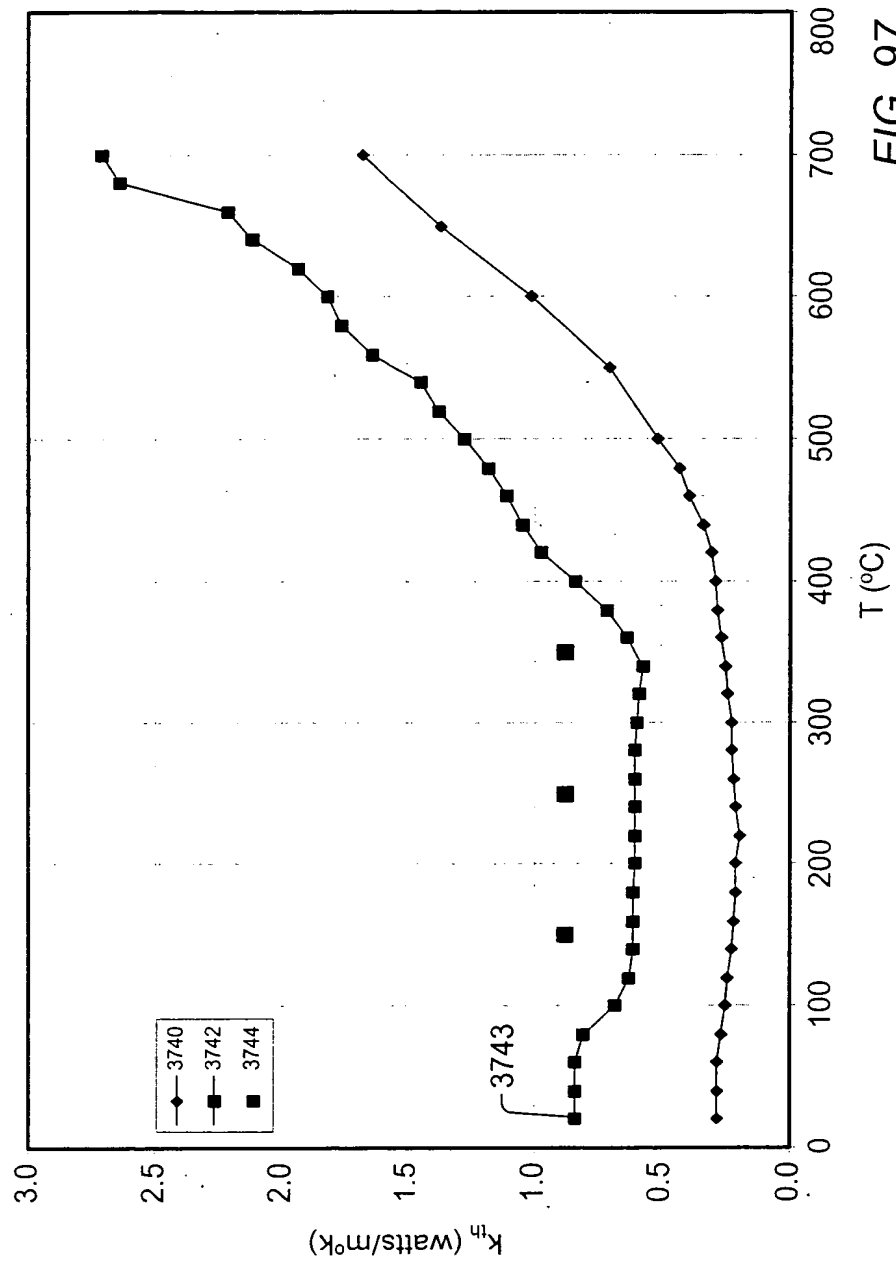


FIG. 97

09341061.042401

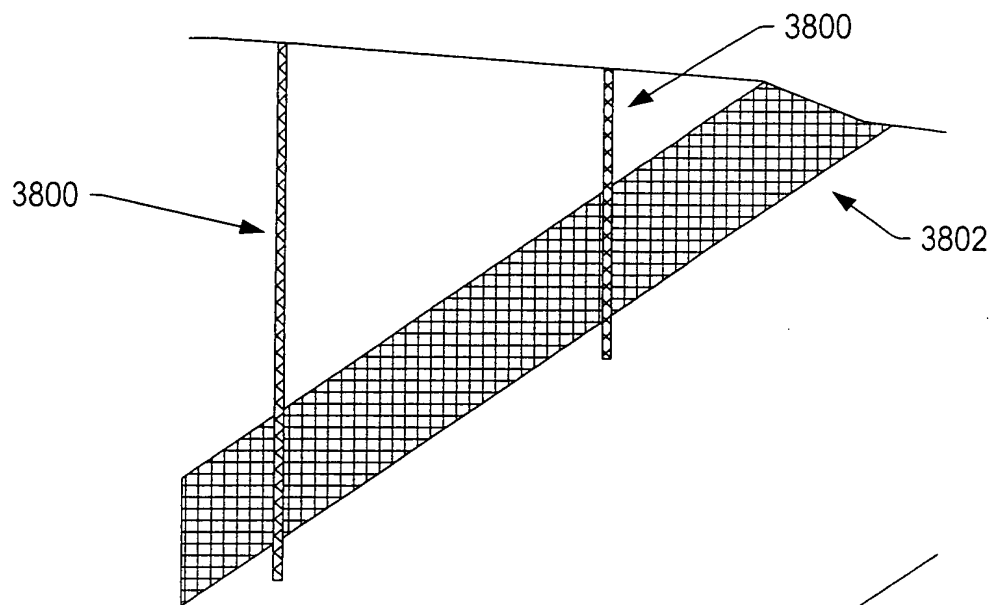


FIG. 98

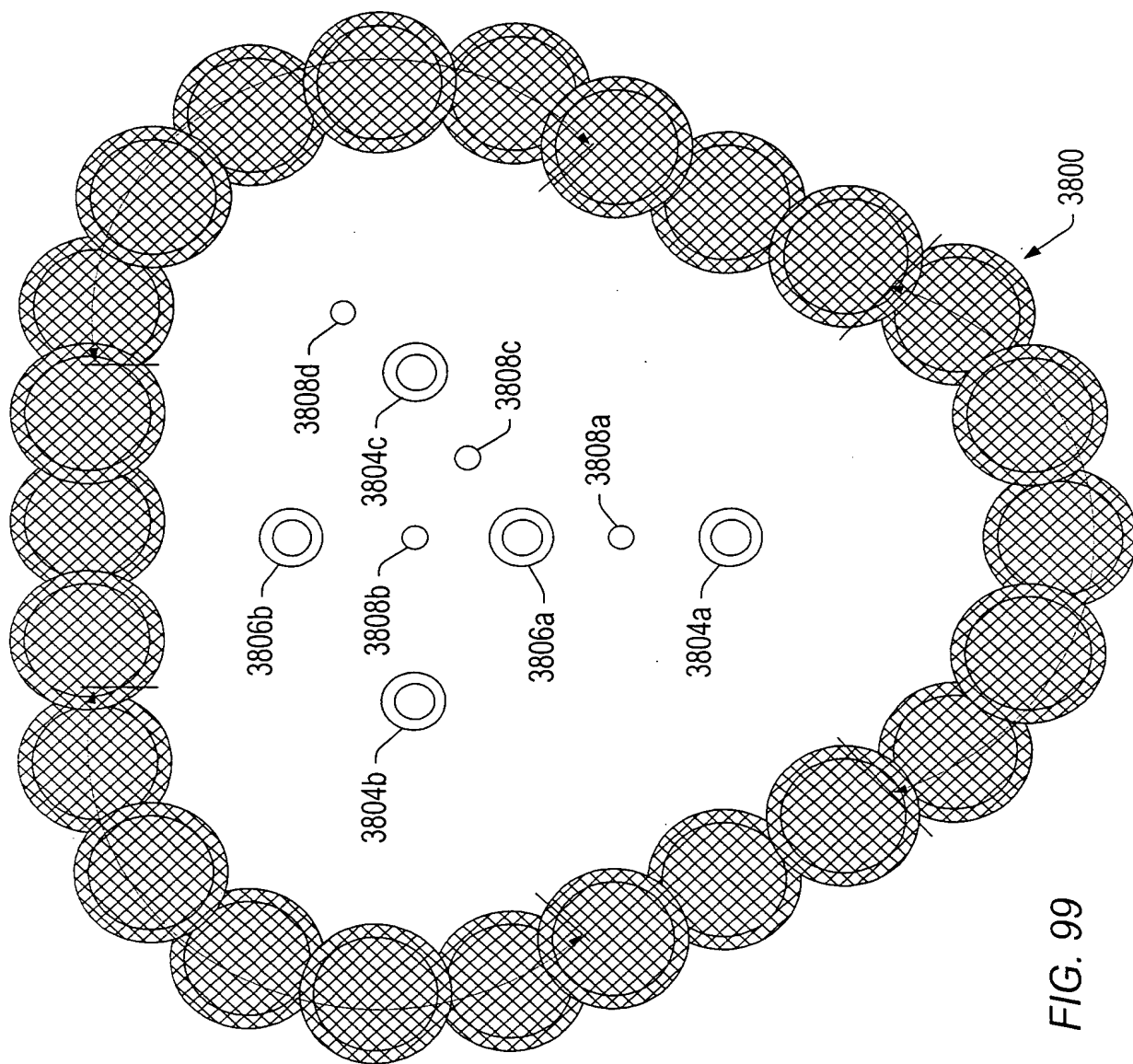


FIG. 99

FO4240" T90T1860

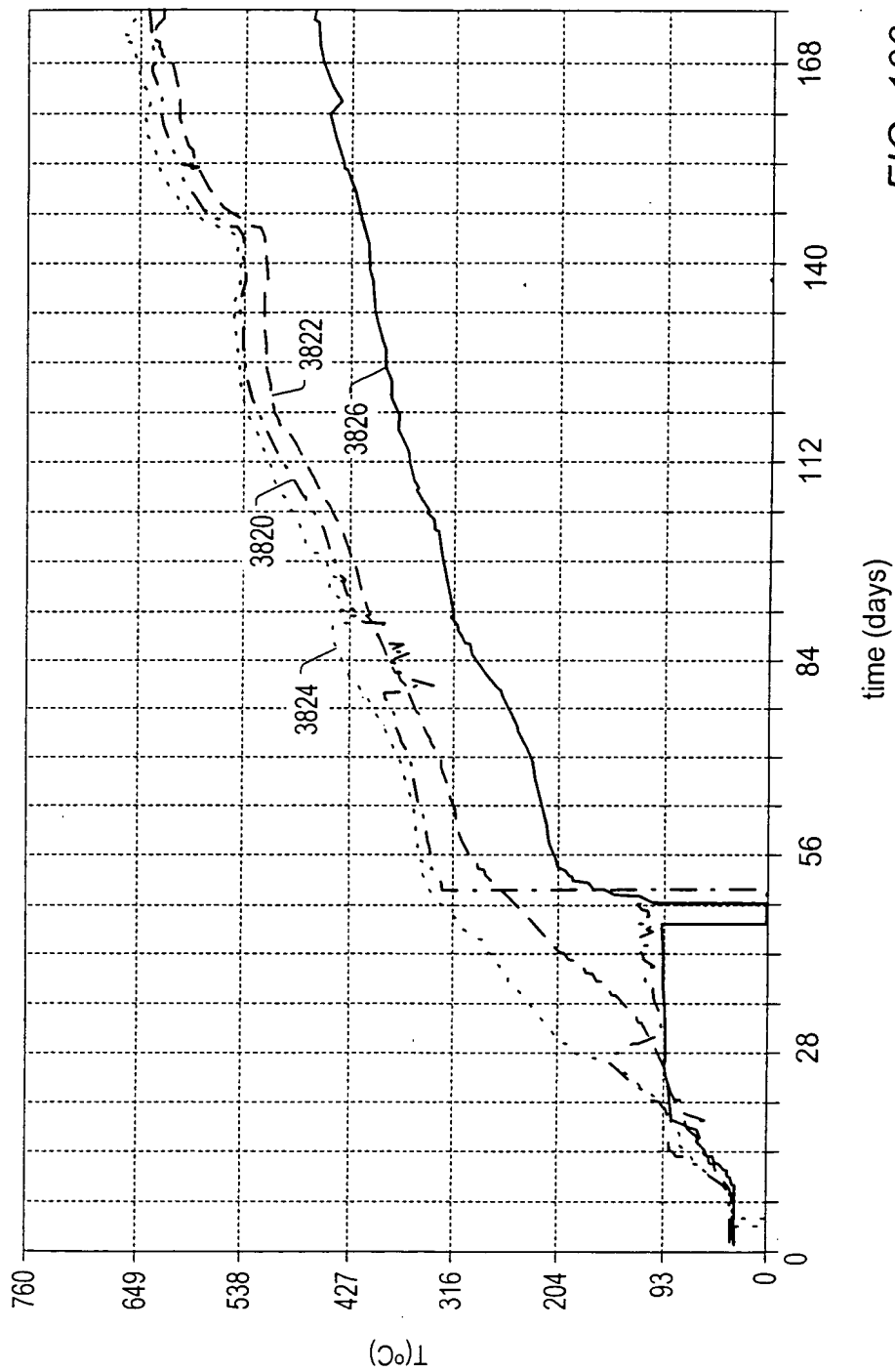


FIG. 100

FOI240 T3074860

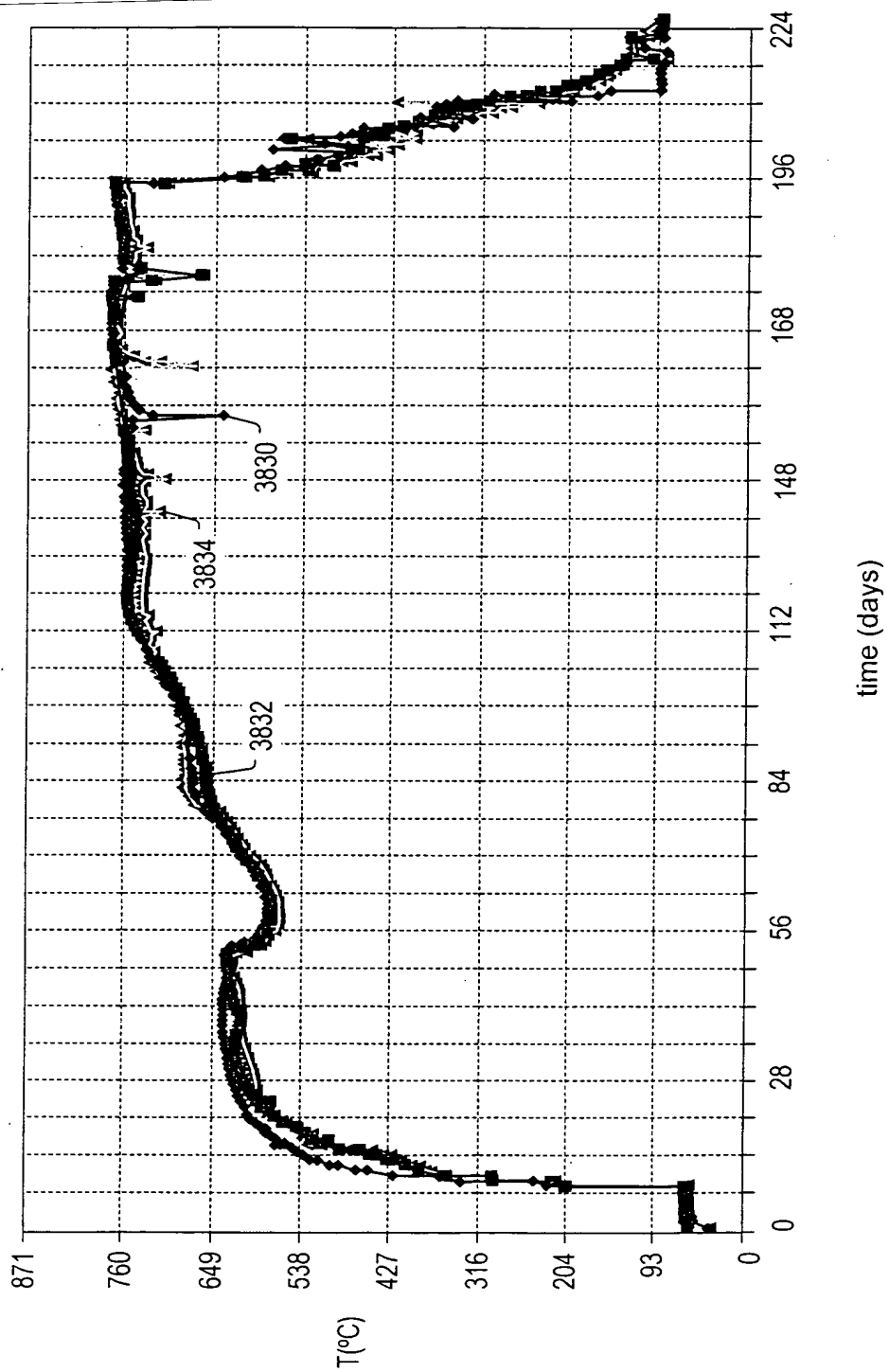


FIG. 101

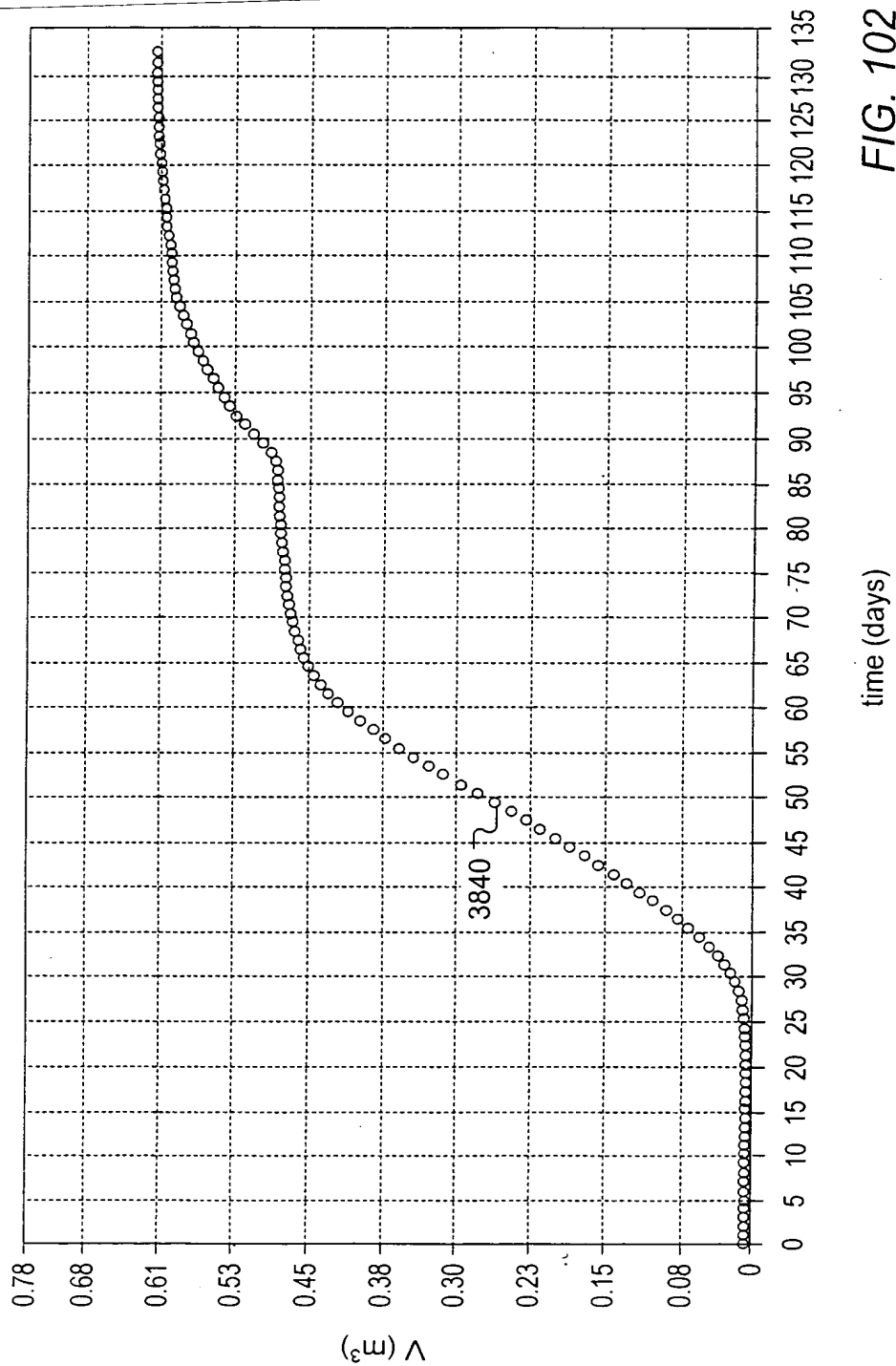


FIG. 102

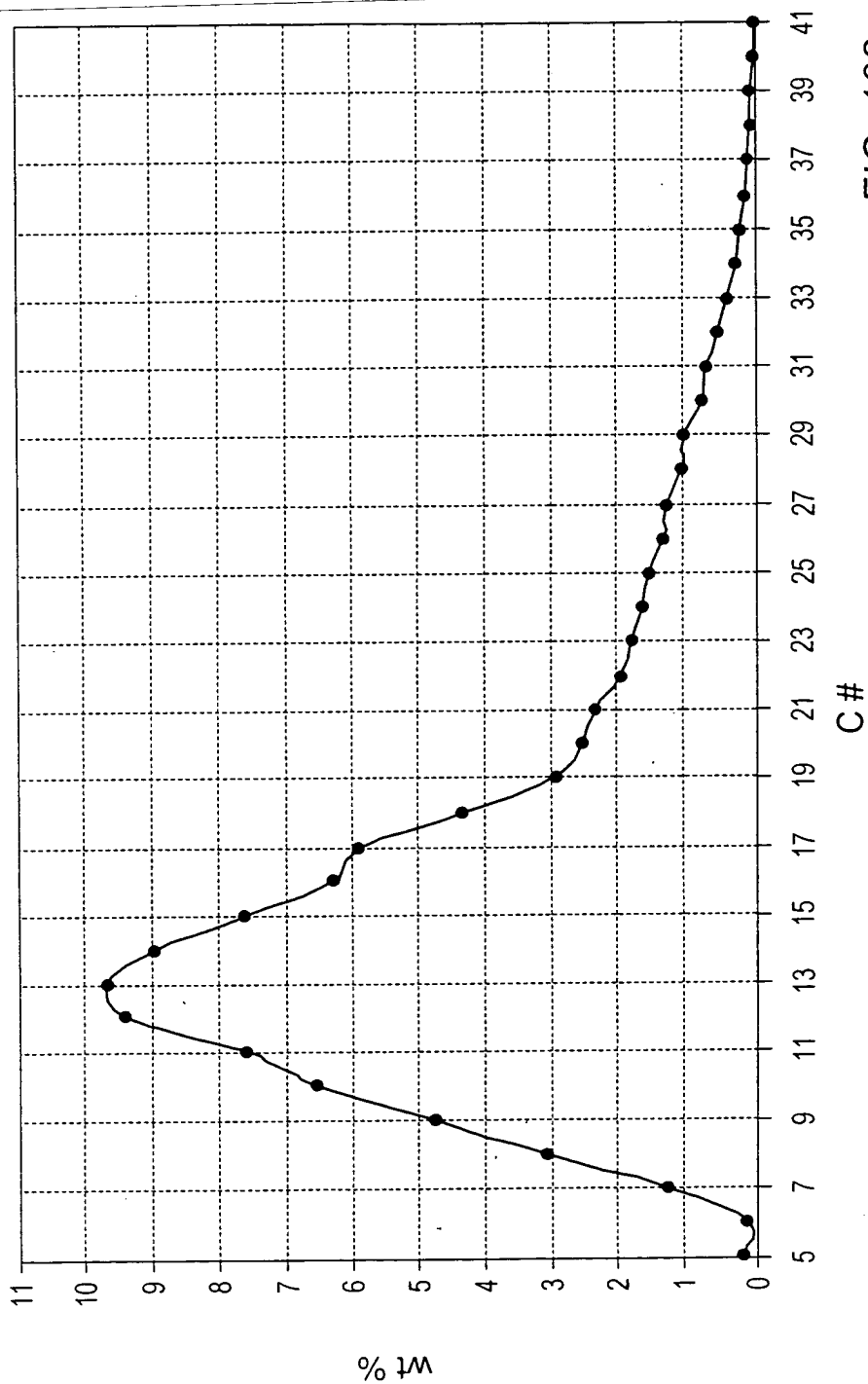


FIG. 103

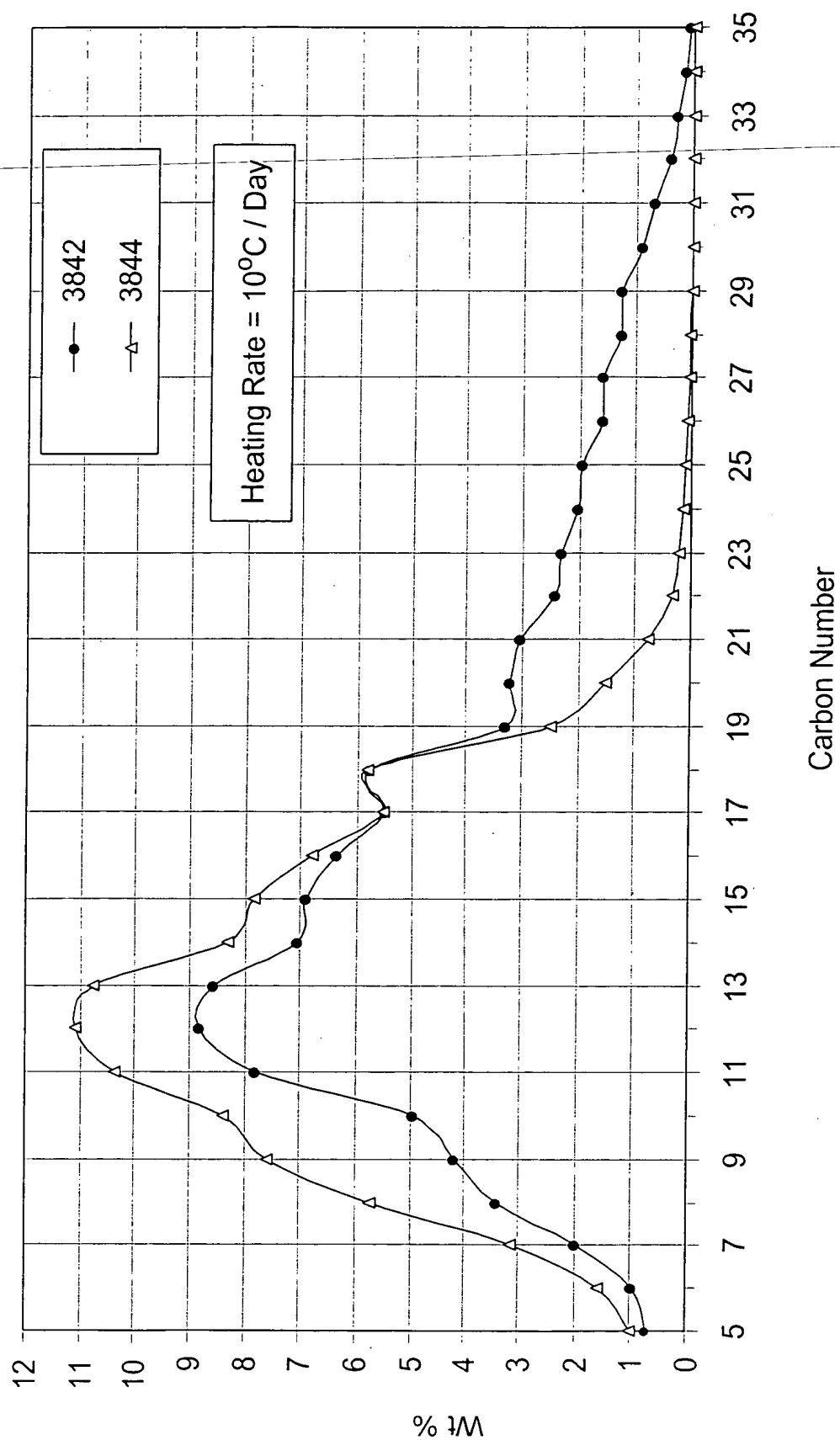


FIG. 104

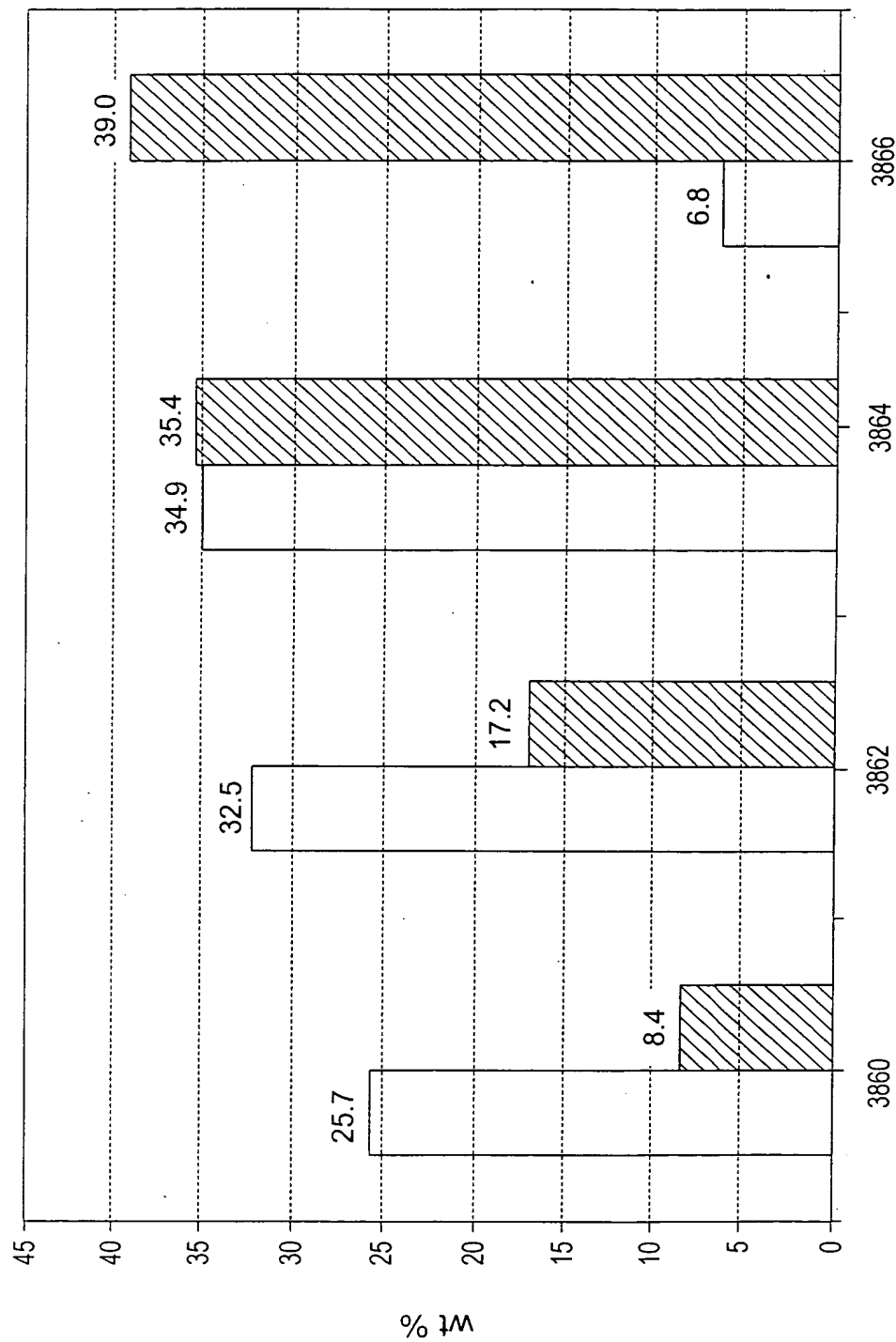


FIG. 105

FIG. 106

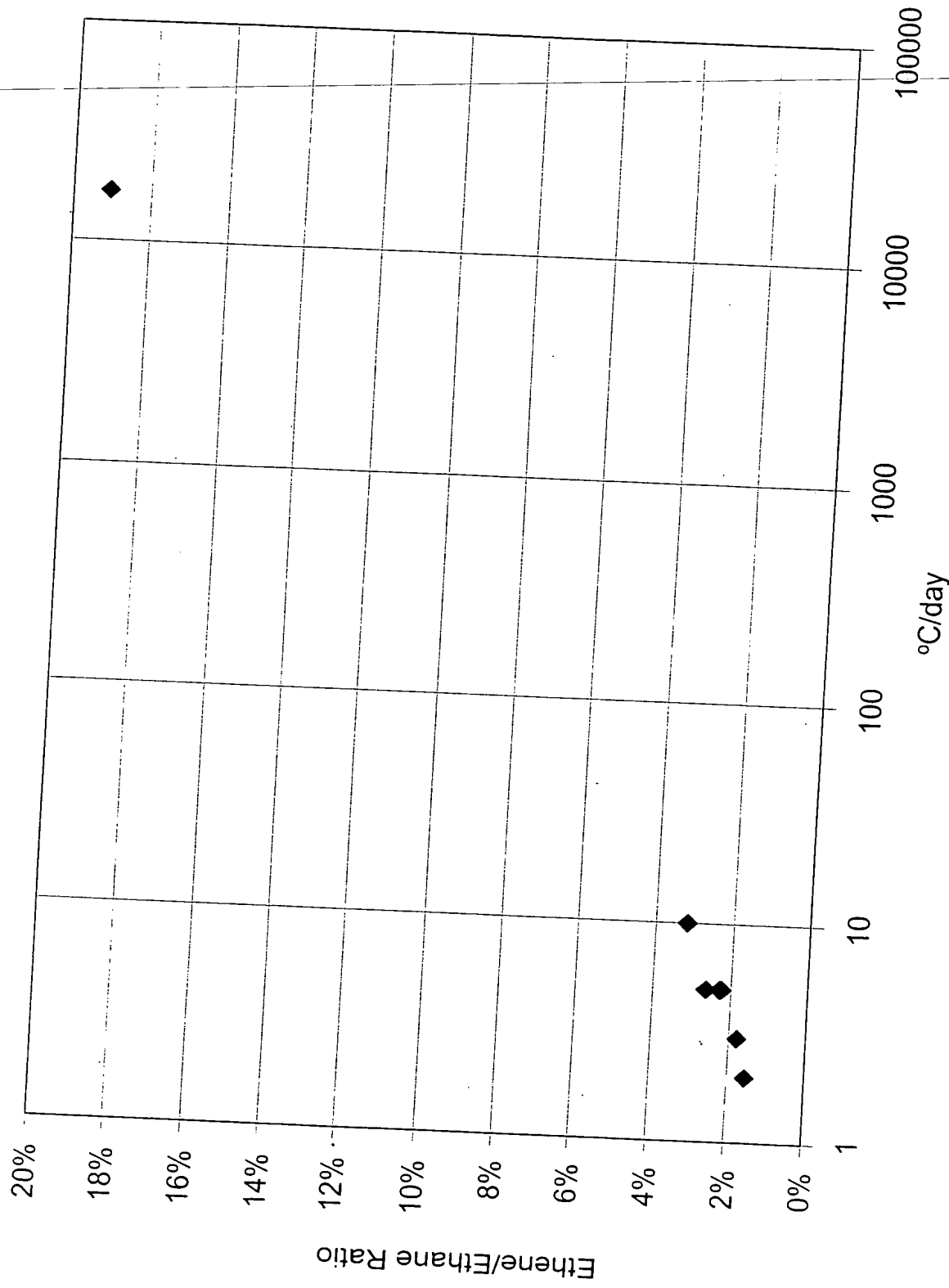


FIG. 106

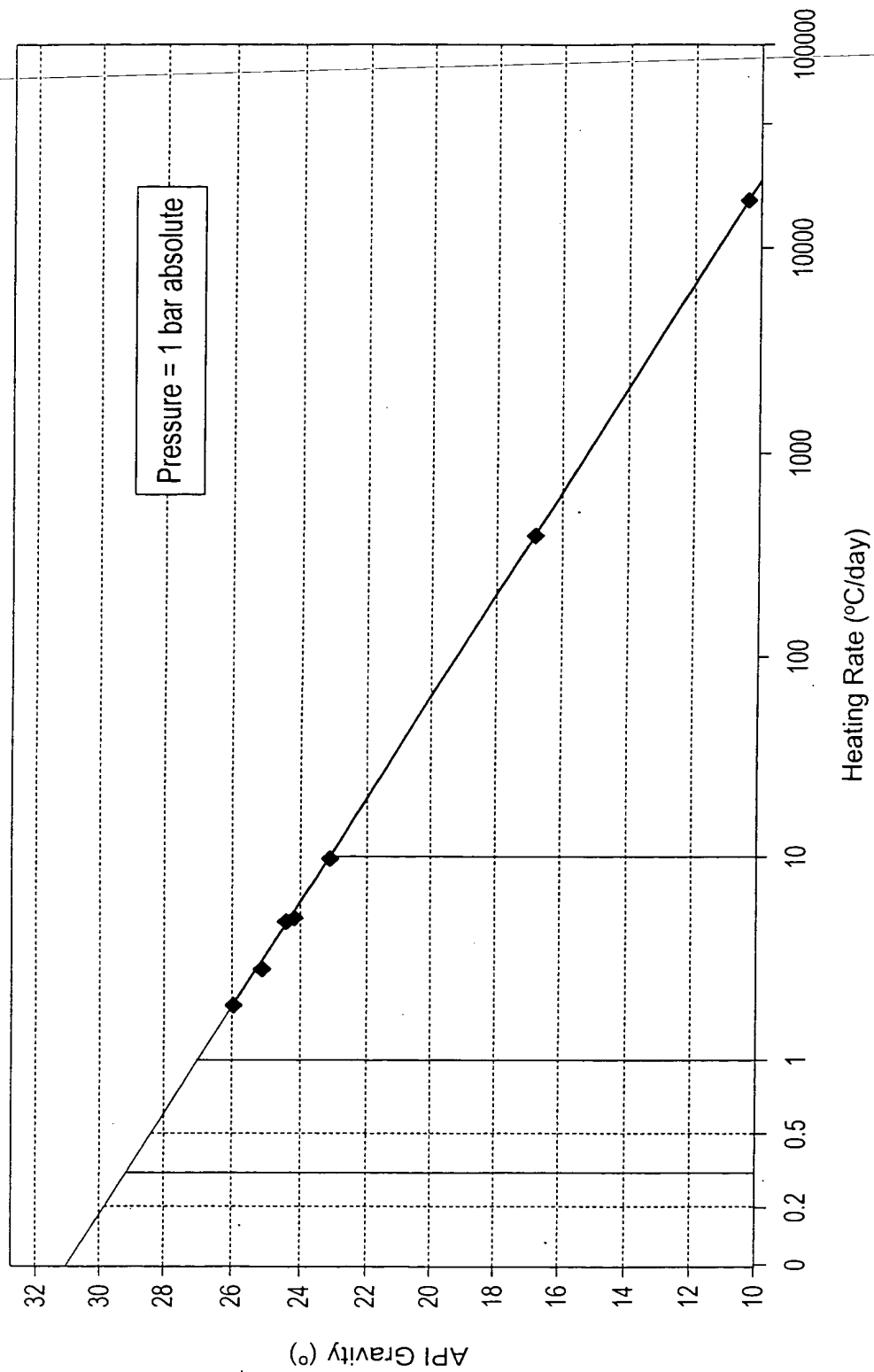


FIG. 107

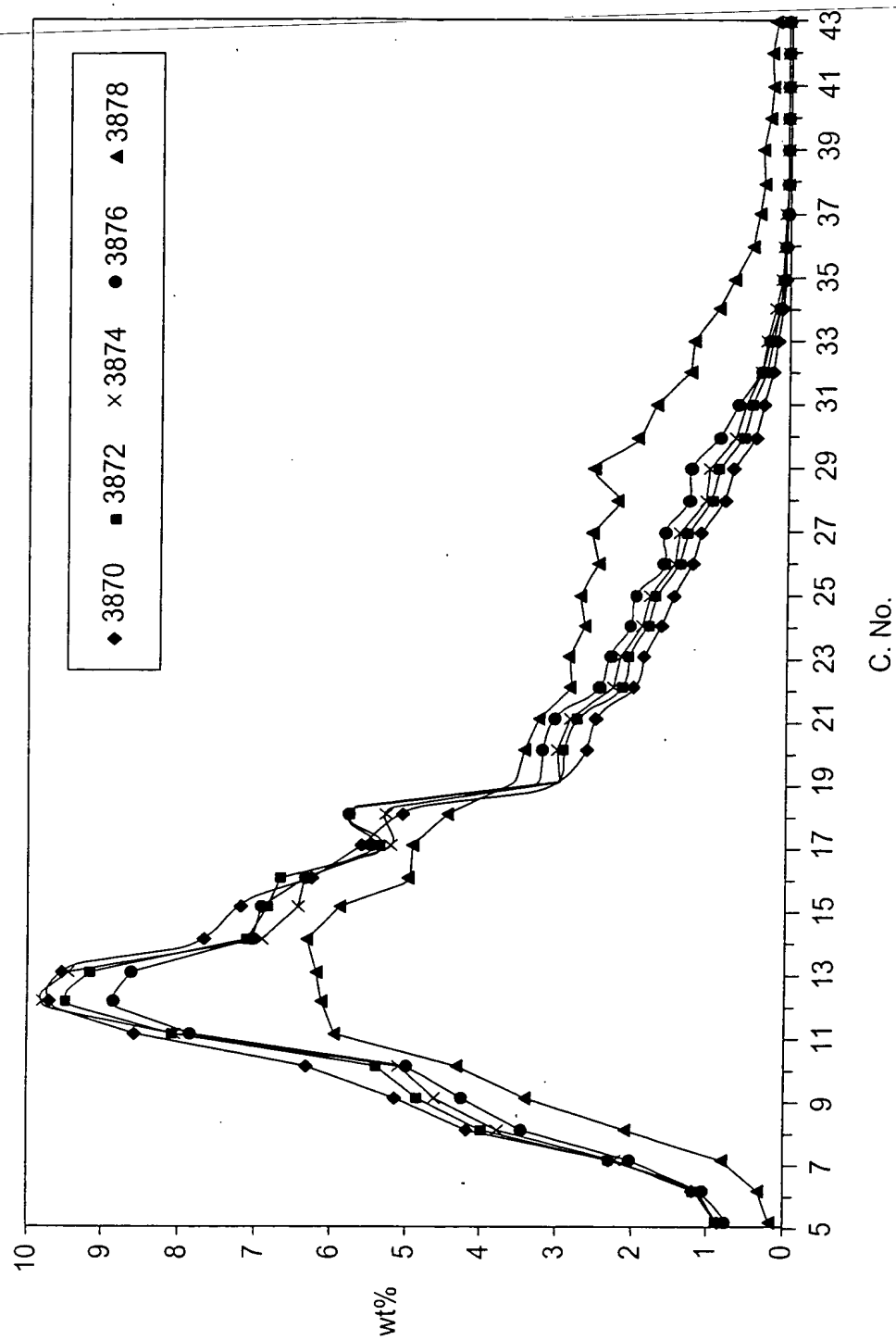


FIG. 108

FOH240" T30T4860

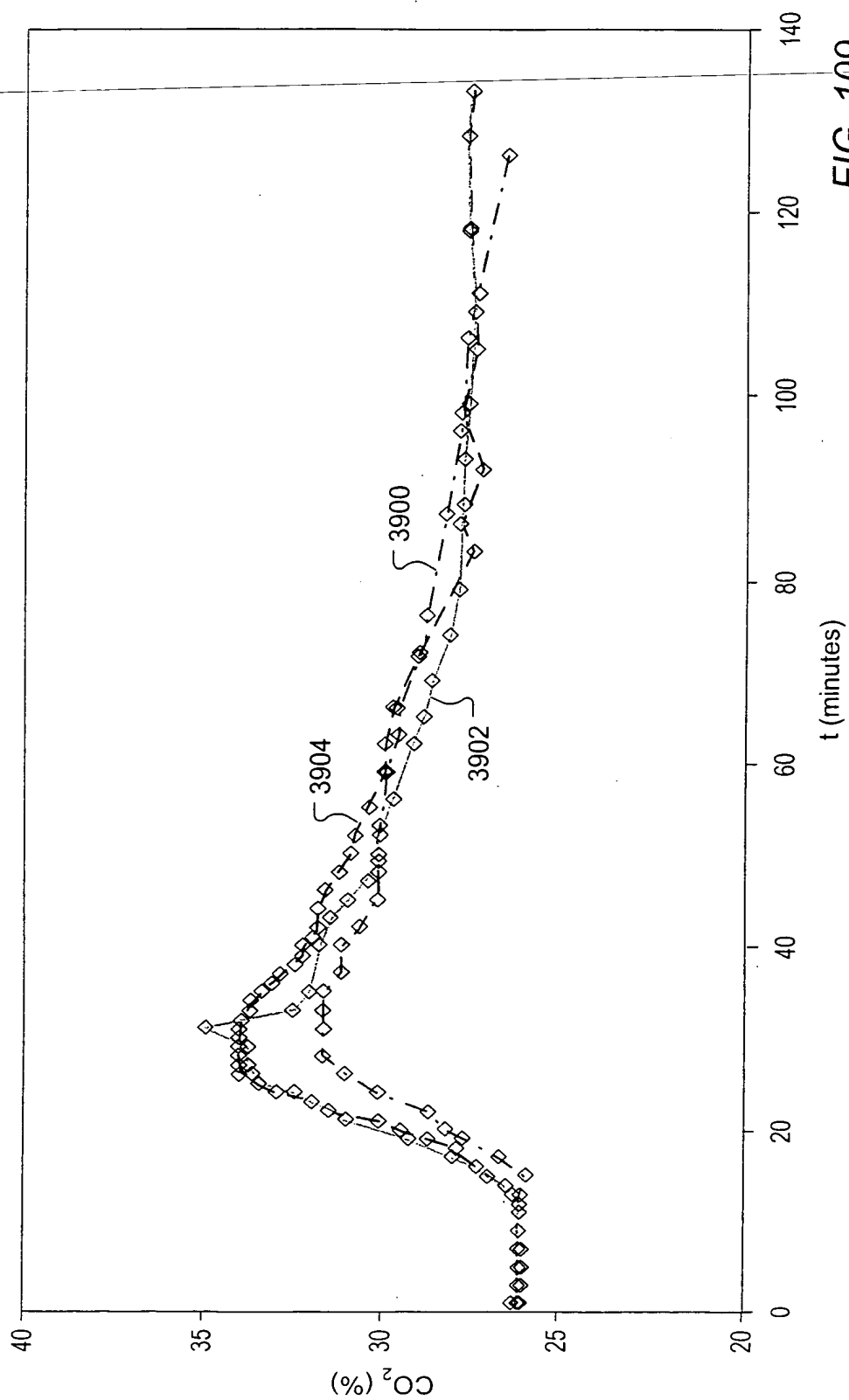


FIG. 109

FIG. 110

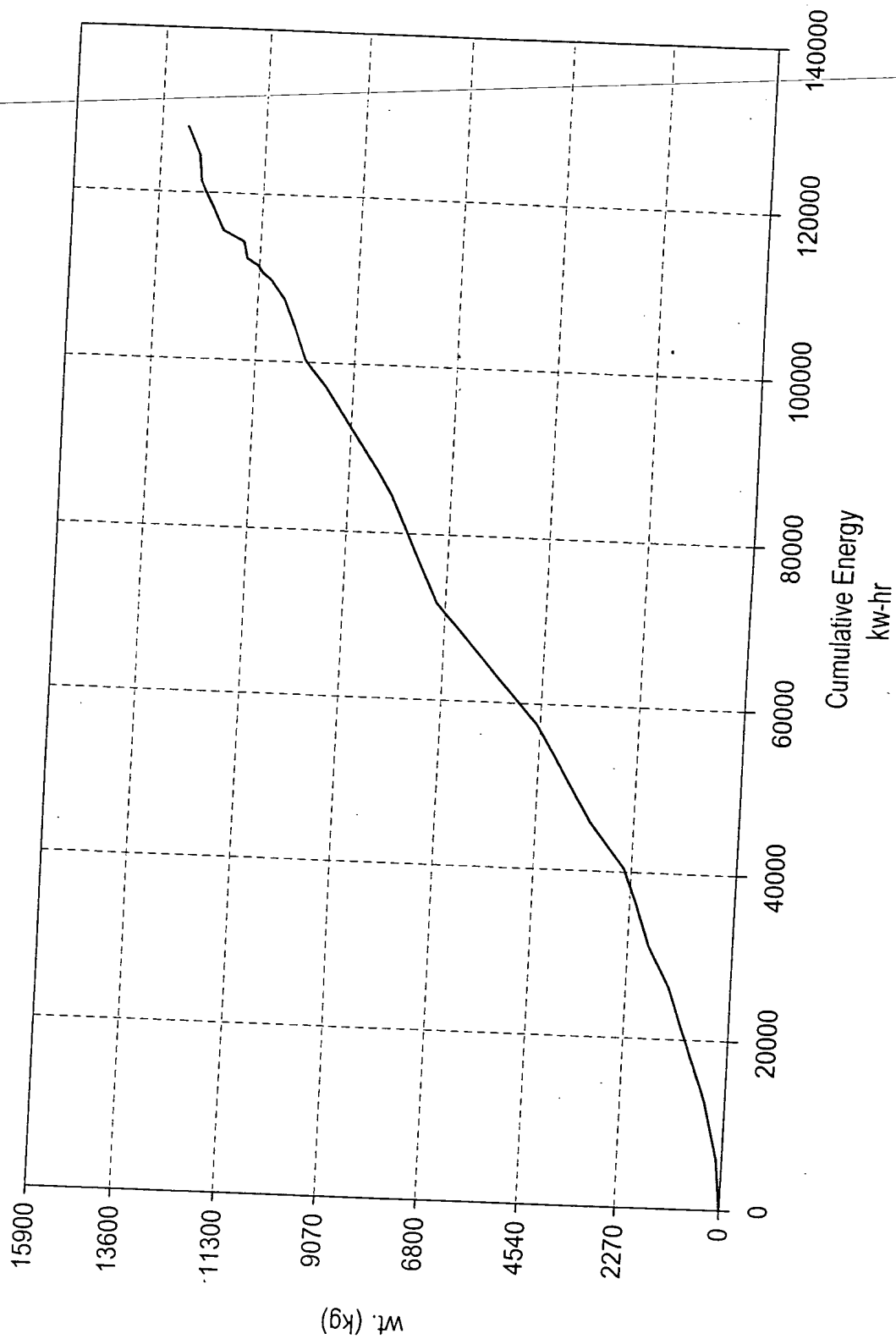


FIG. 110

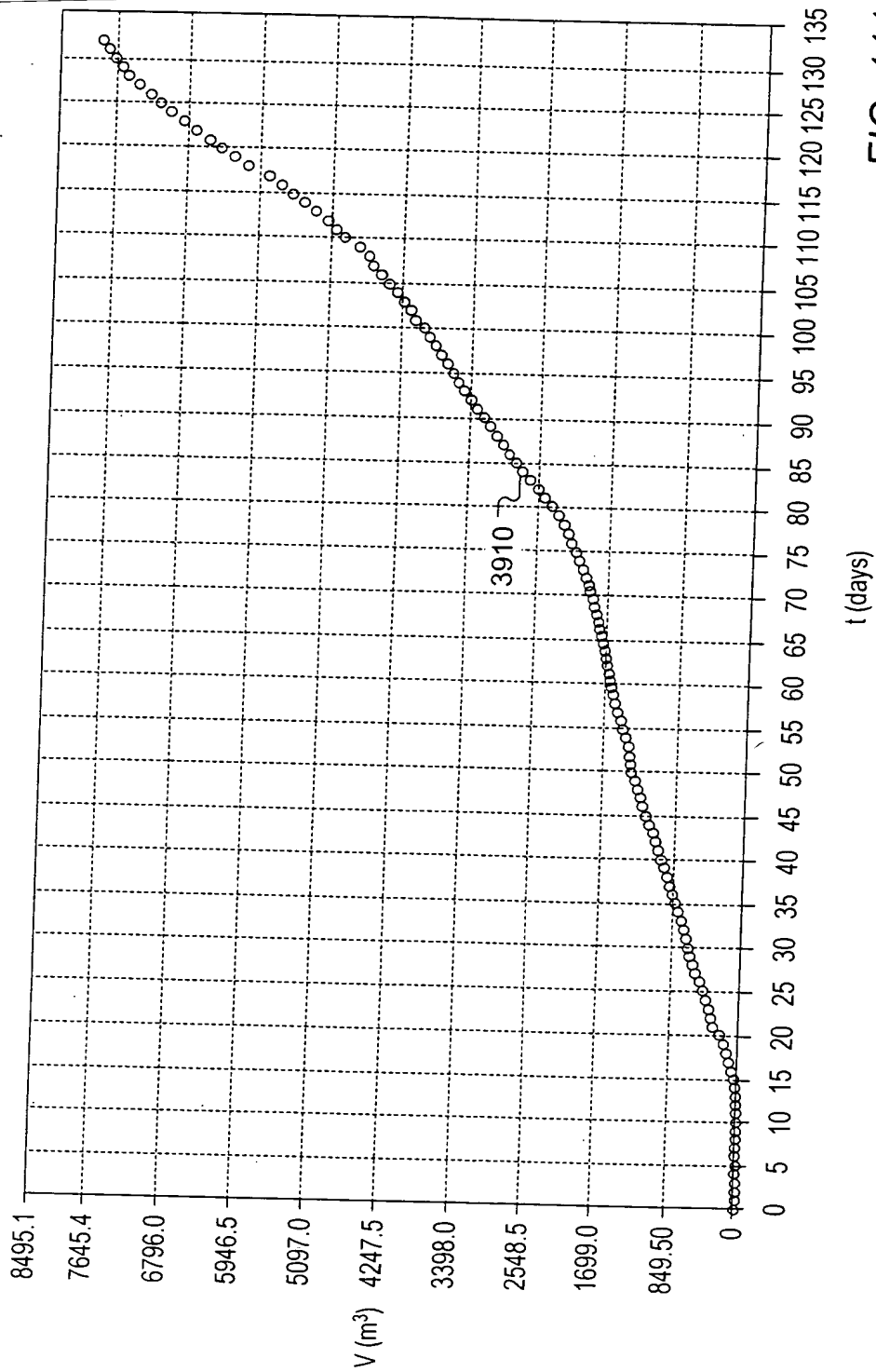


FIG. 111

FIG. 112

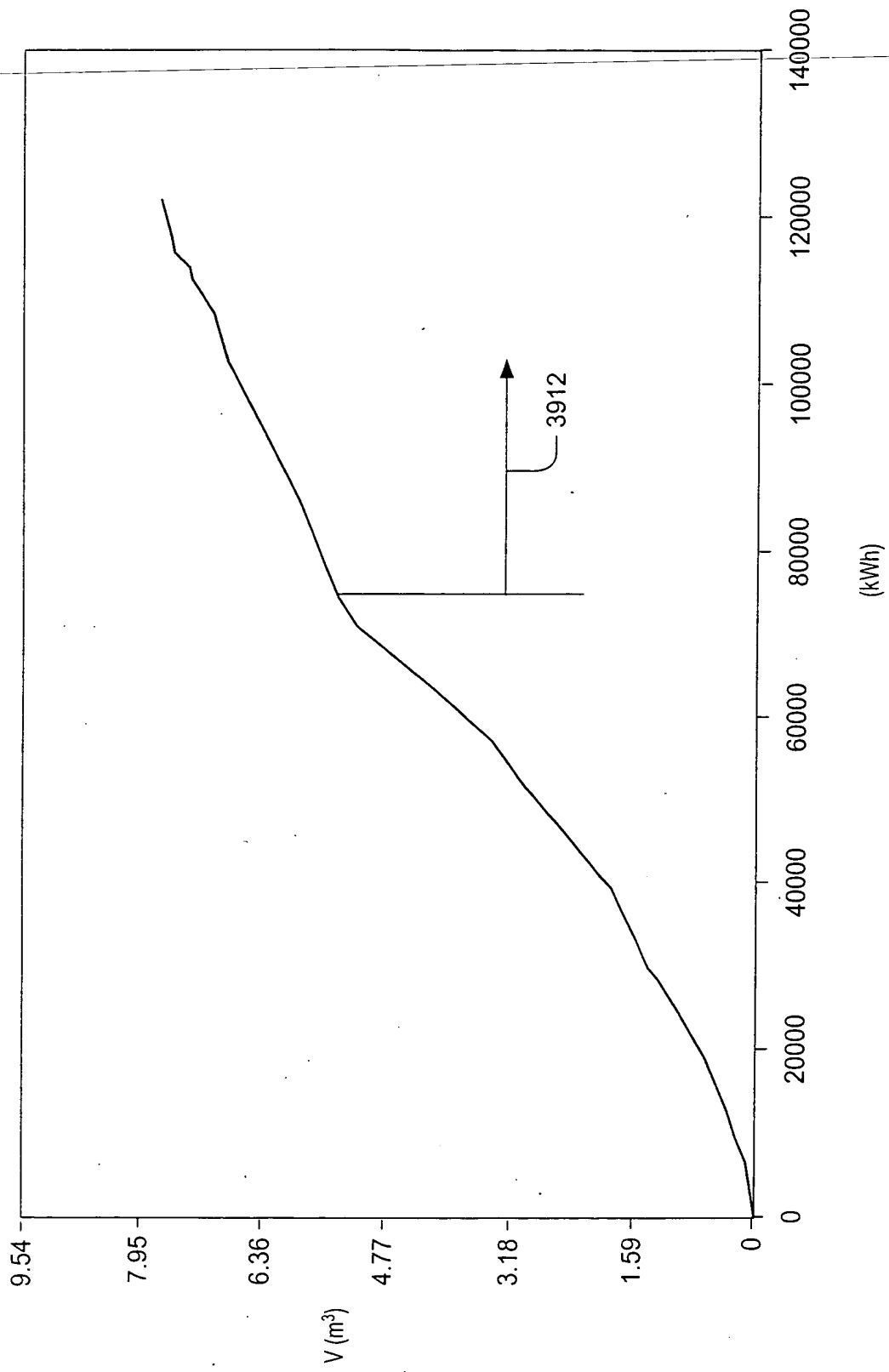


FIG. 112

FOURTH 9074850

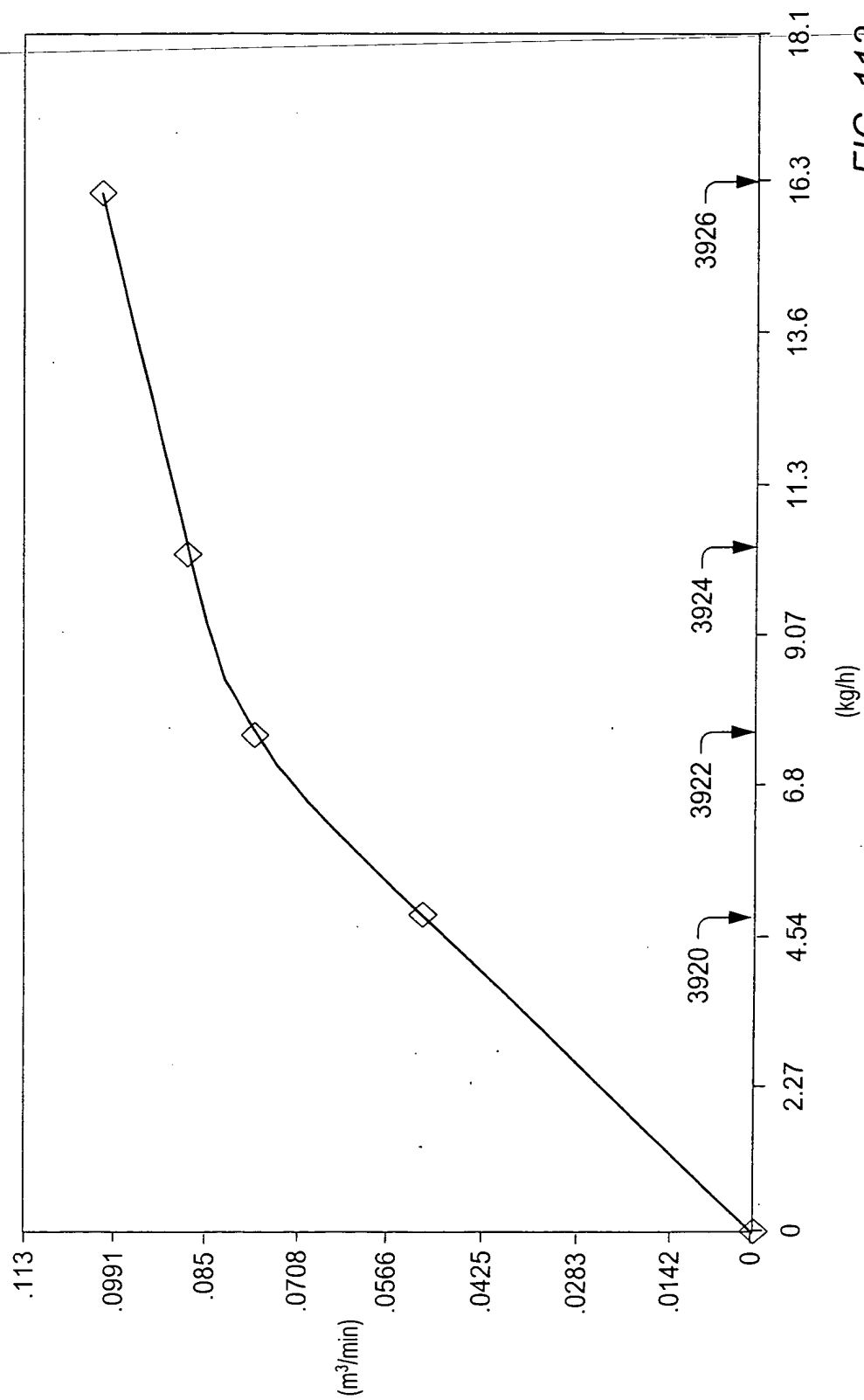


FIG. 113

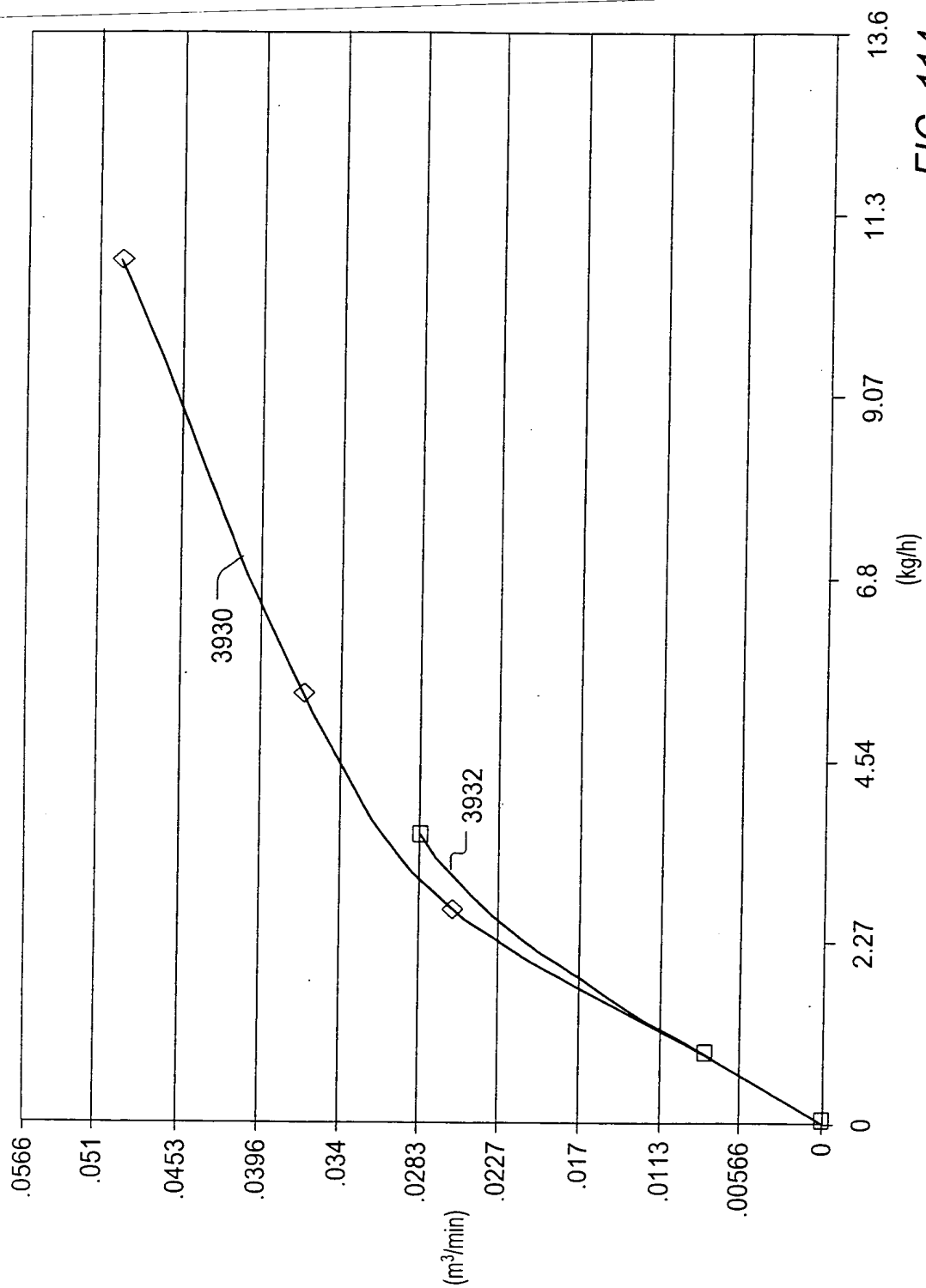
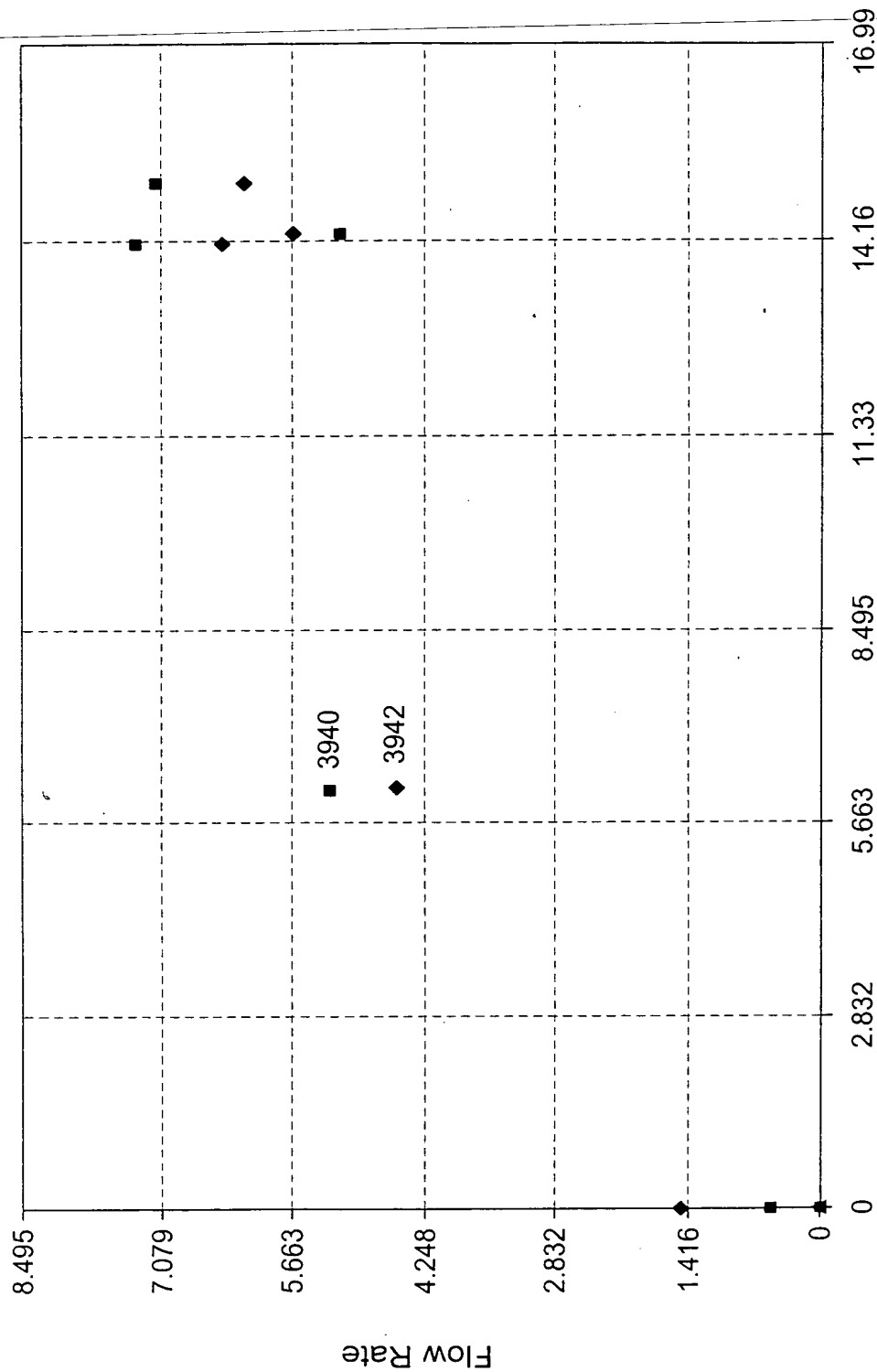


FIG. 114

Flow Rate



Methane Injection Rate (m³/hr)

FIG. 115

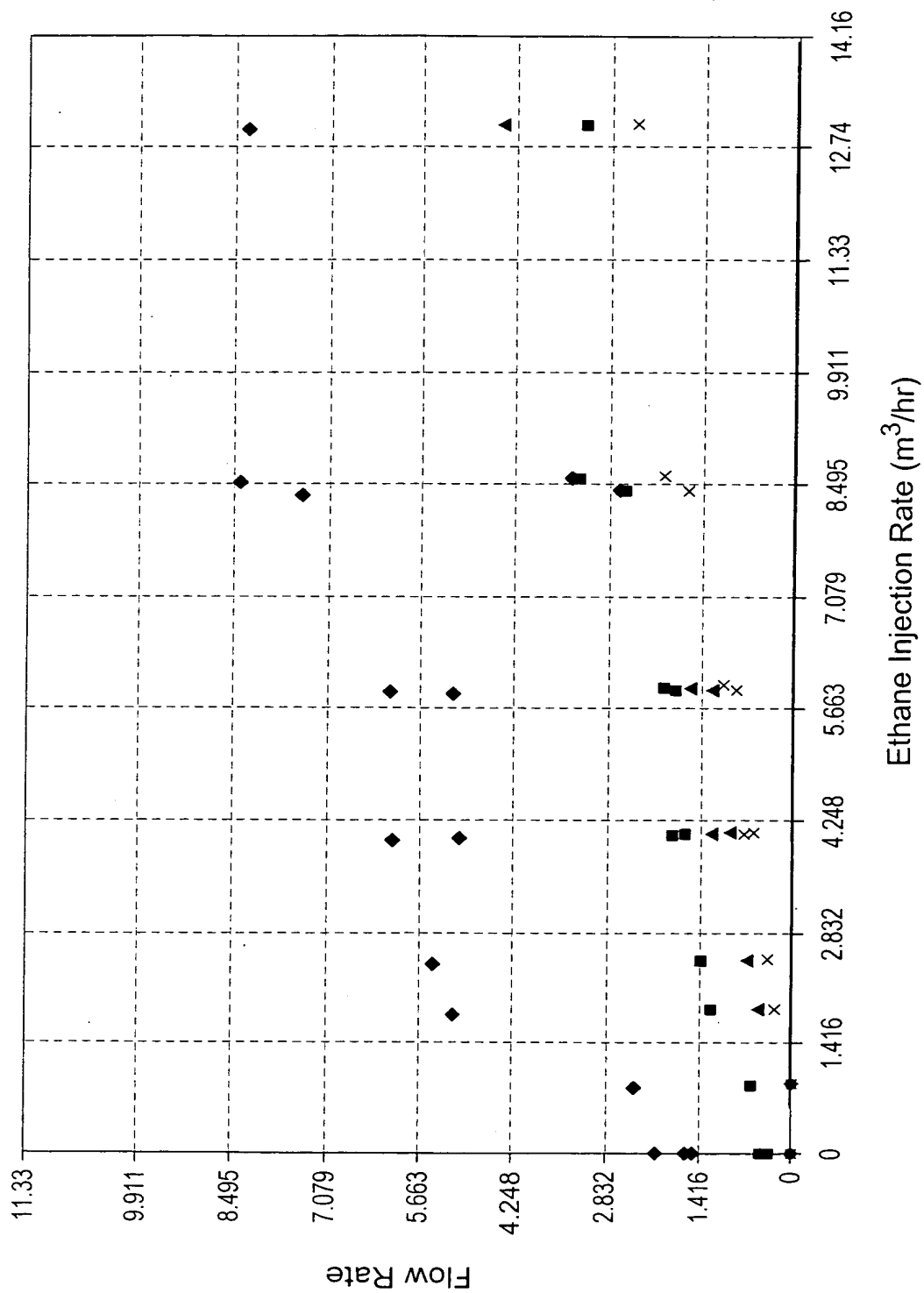
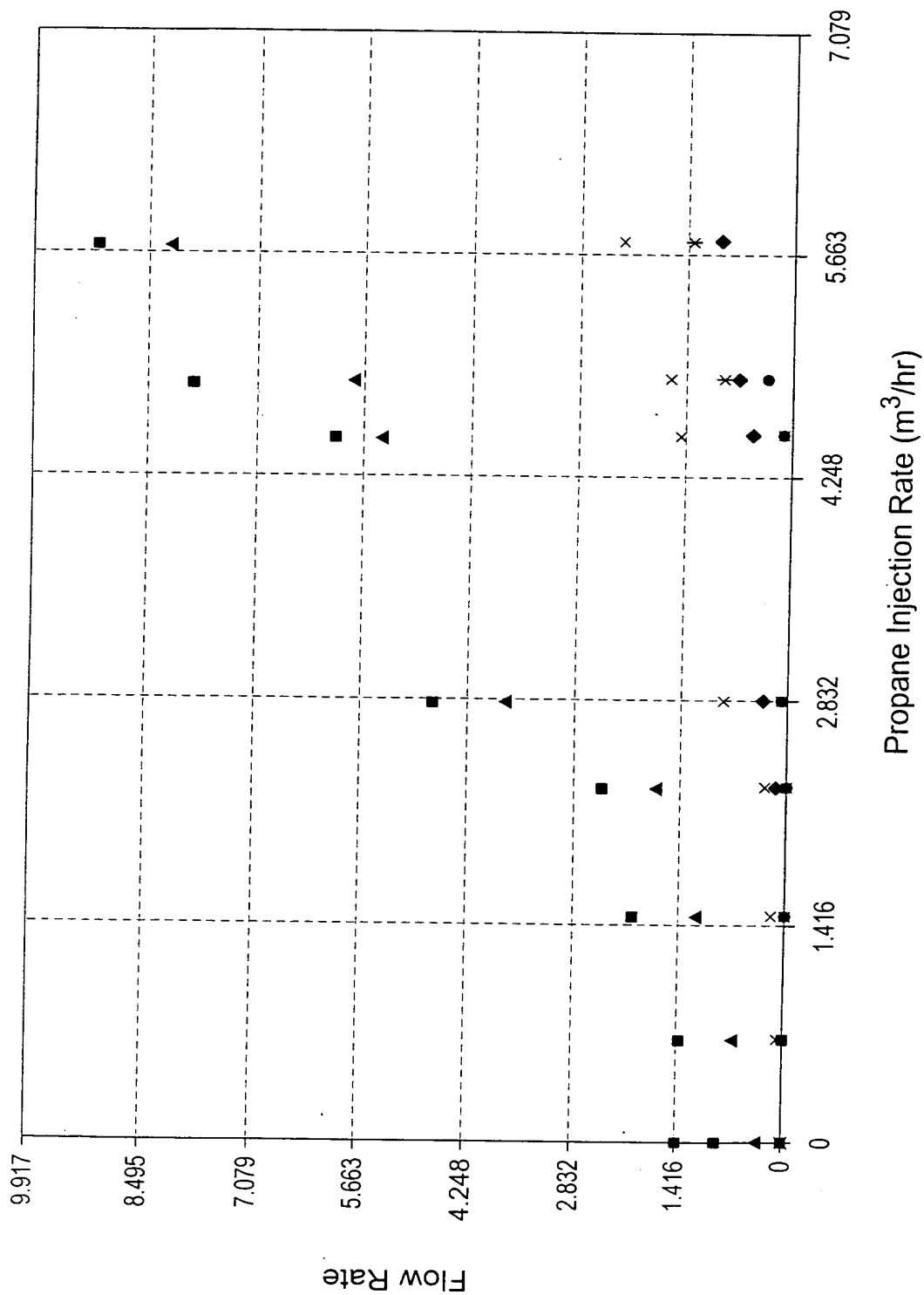
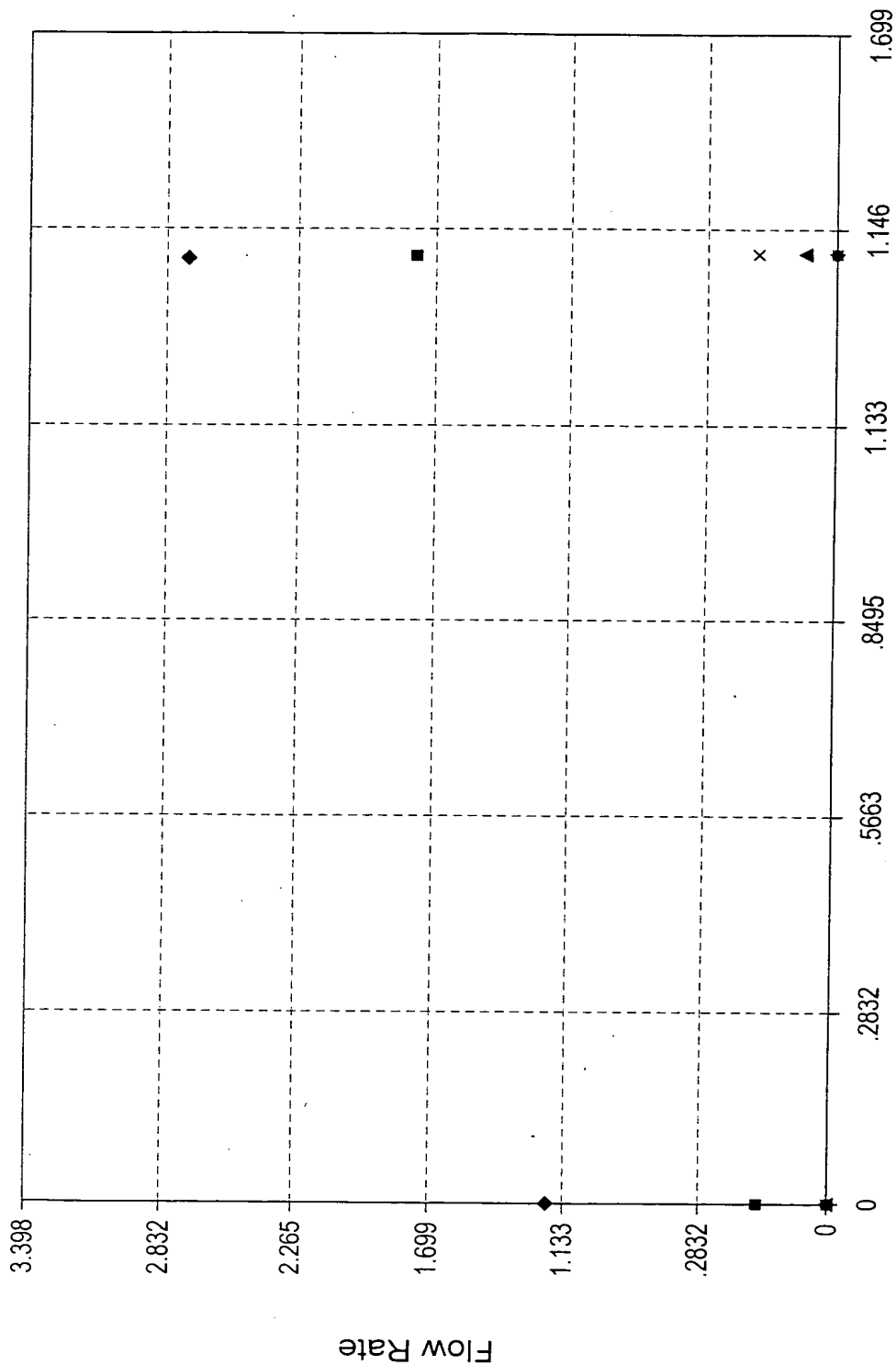


FIG. 116



■ 3960 ▲ 3962 ◆ 3964 × 3966 * 3968 ● 3969

FIG. 117



Butane Injection Rate (m³/hr)

■ 3970 ▲ 3972 ◆ 3974 × 3976 * 3978 ● 3979

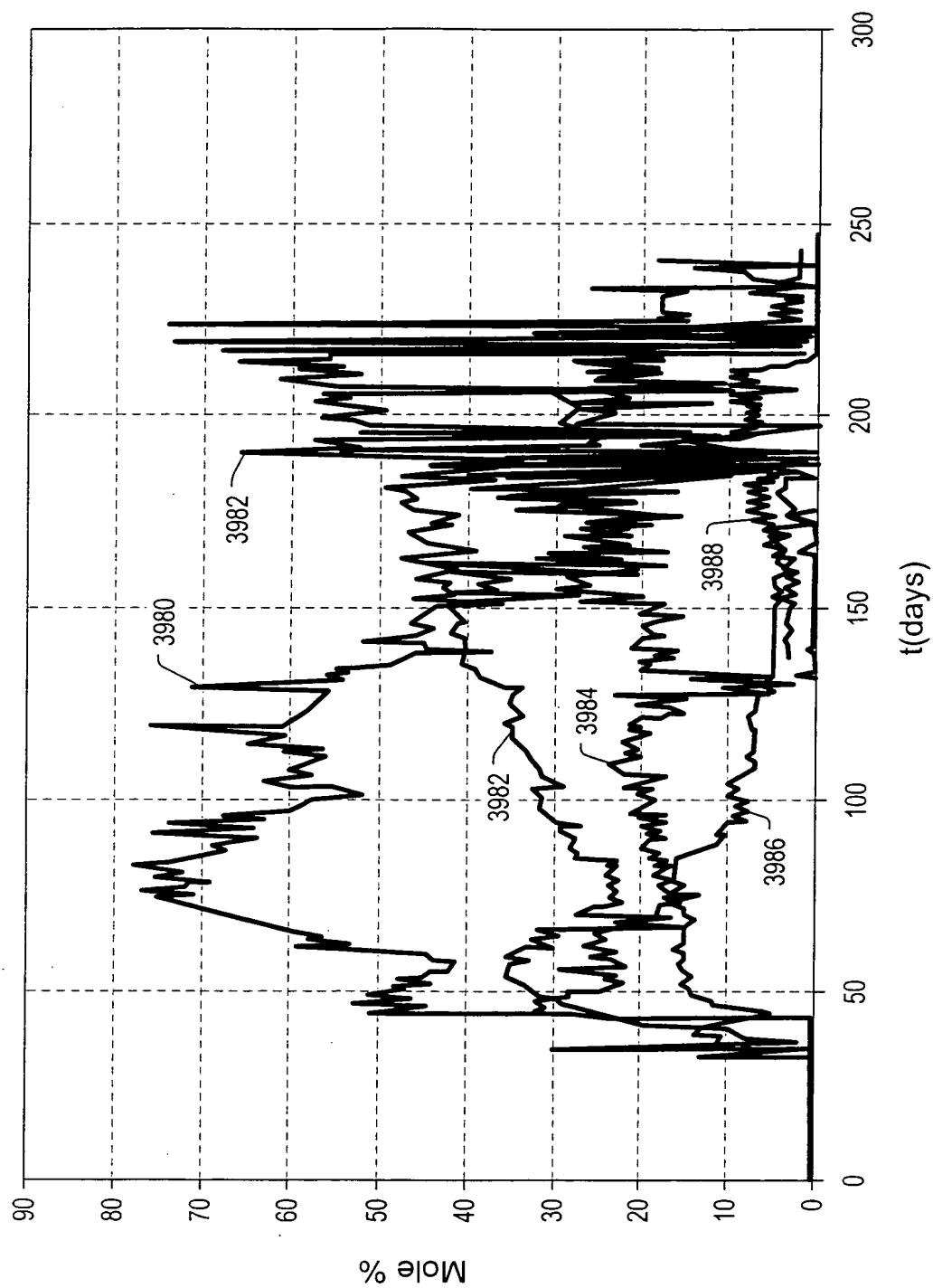


FIG. 119

FOH2HO" T9OT4B60

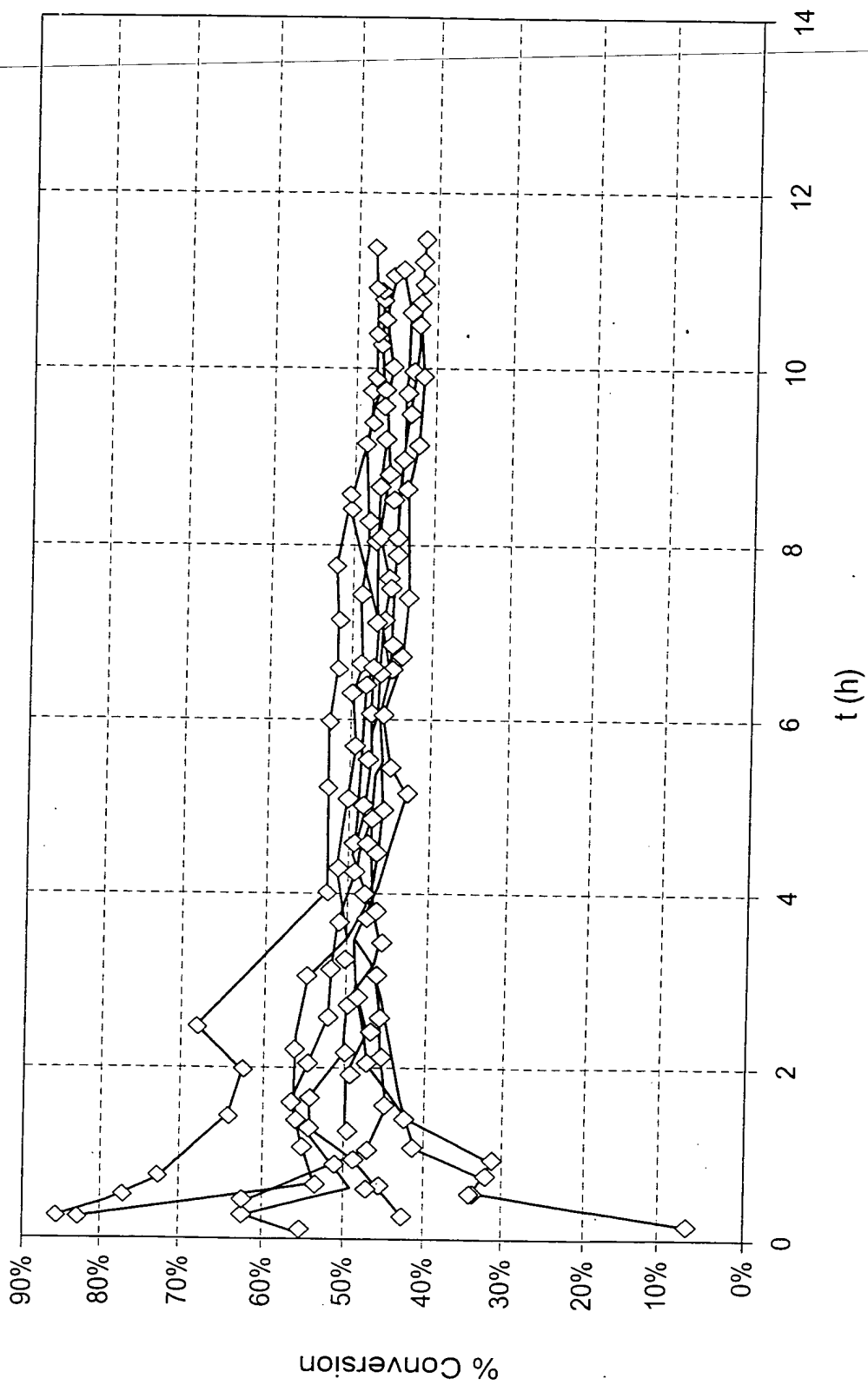


FIG. 120

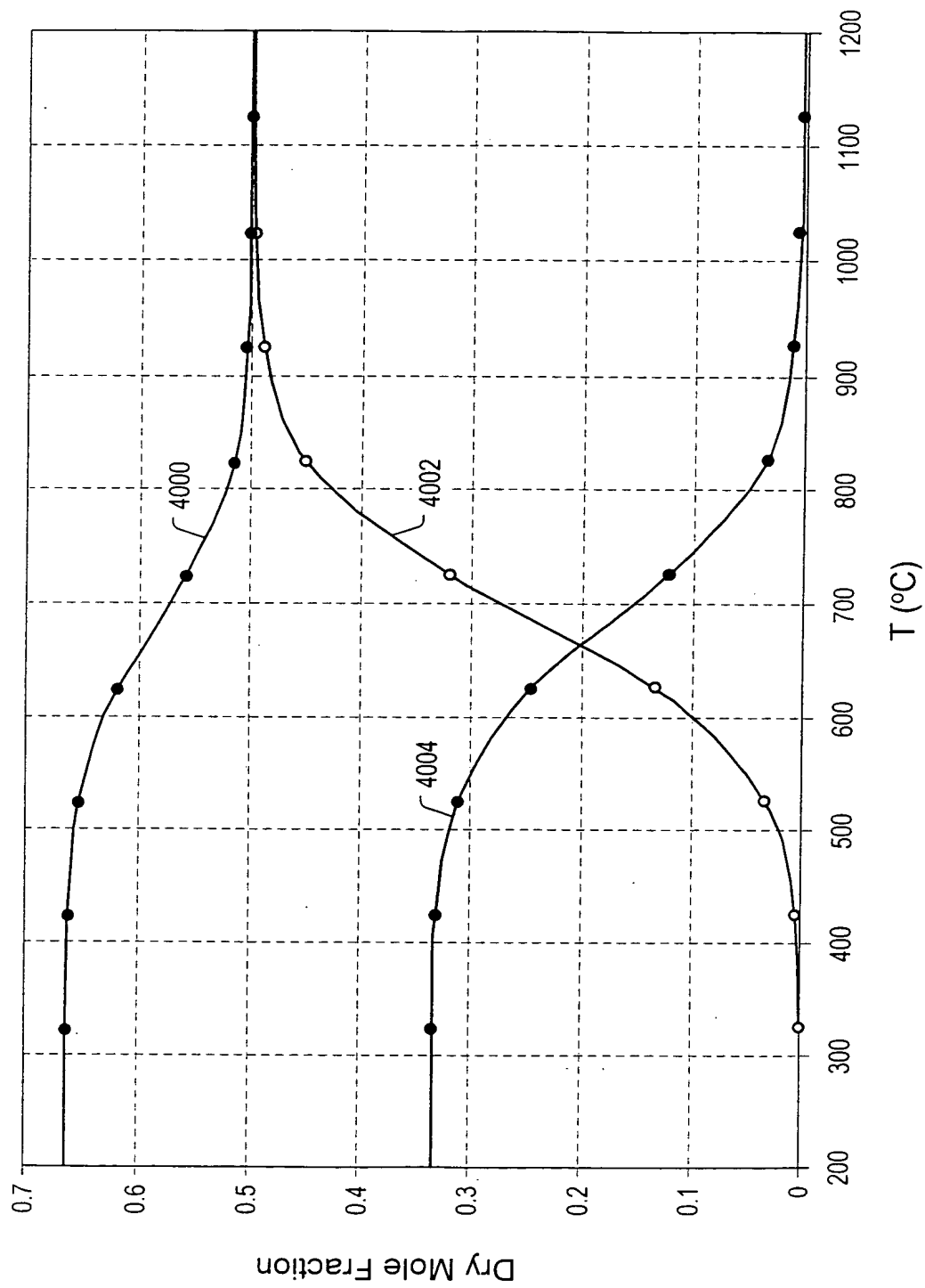


FIG. 121

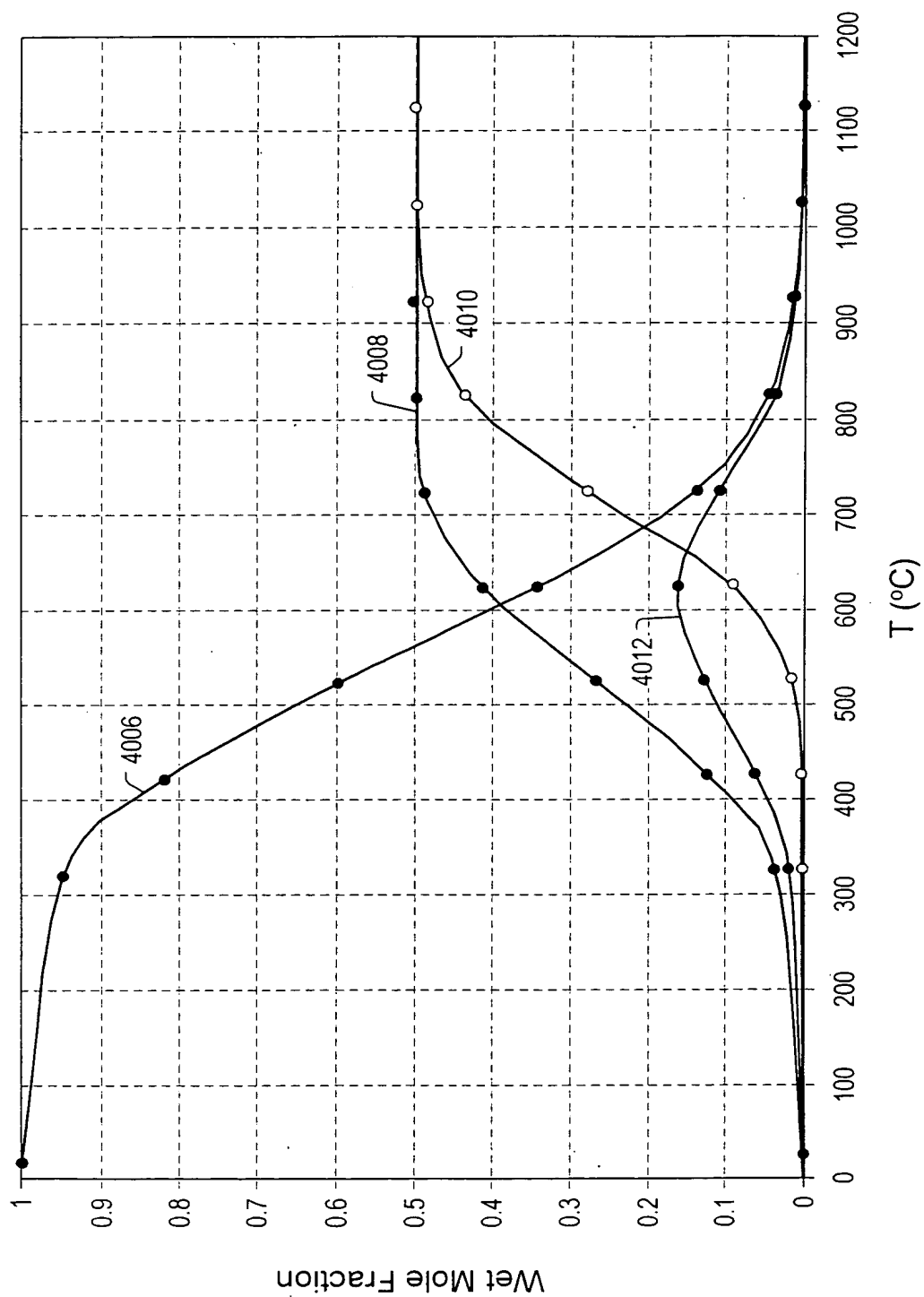
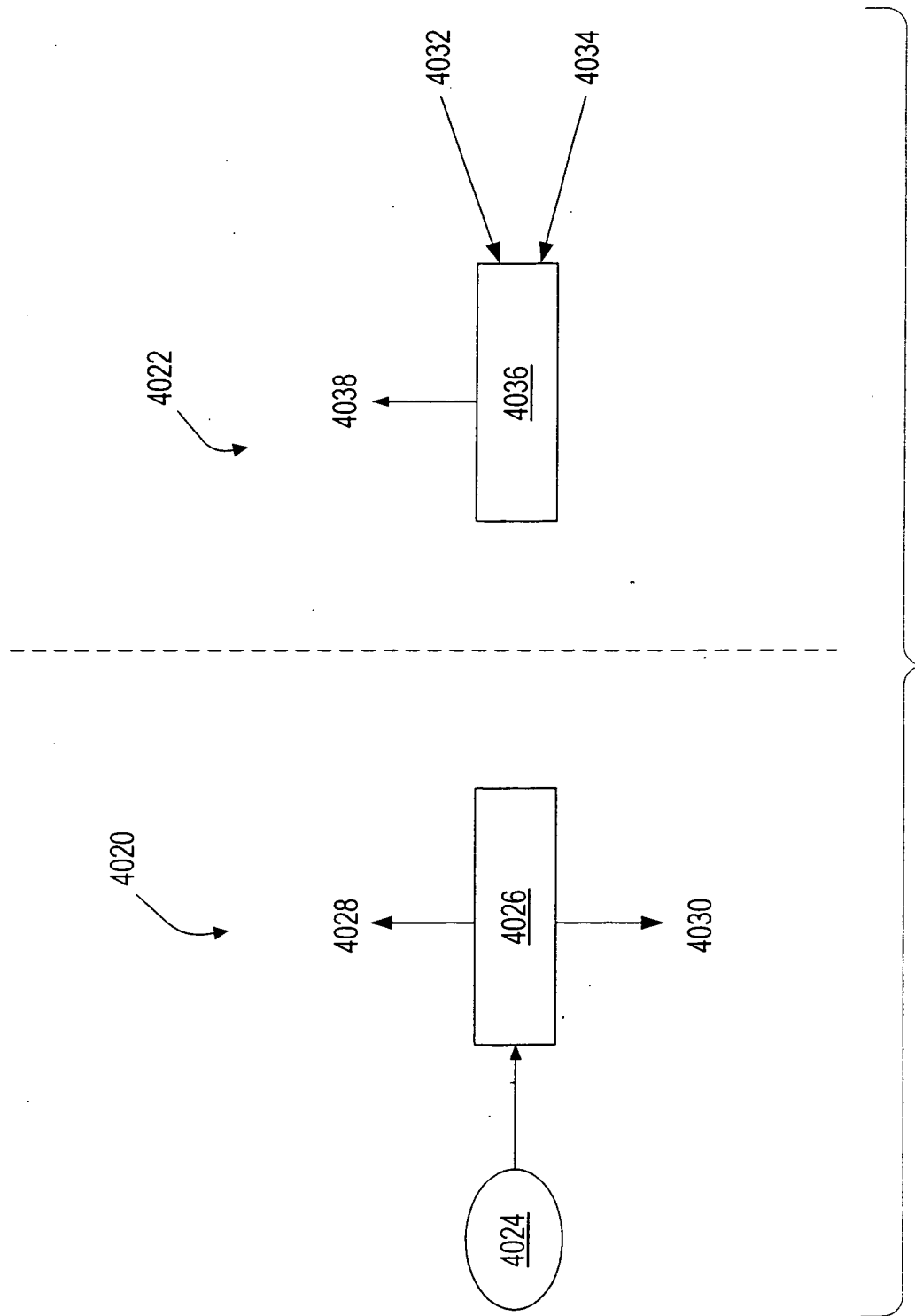


FIG. 122



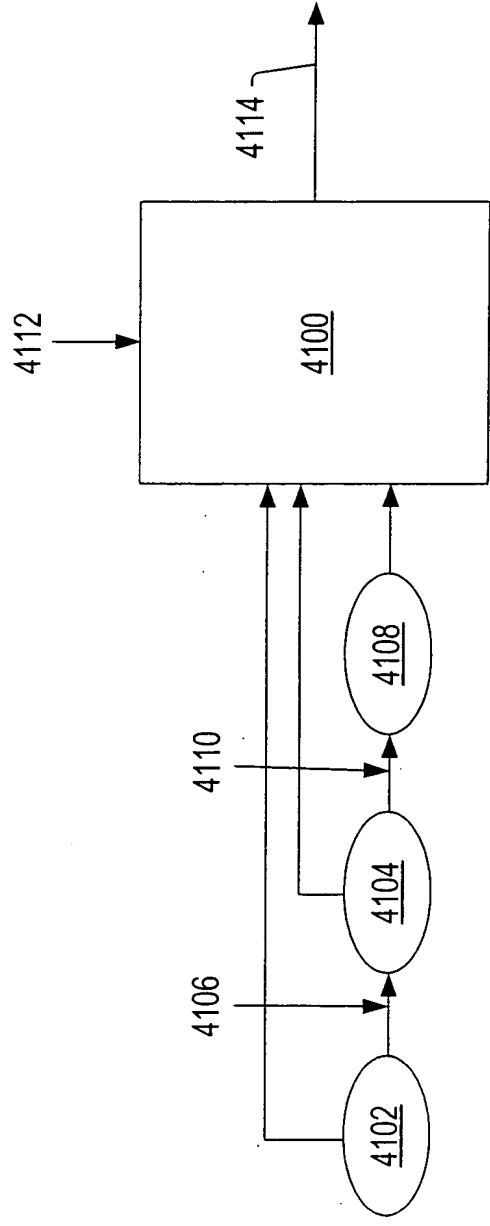


FIG. 124

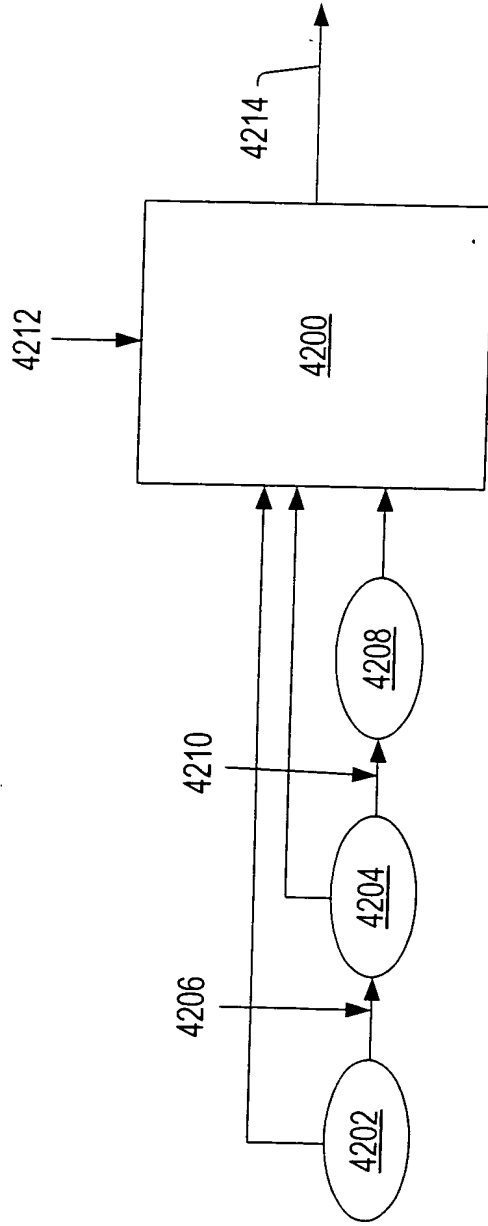


FIG. 125

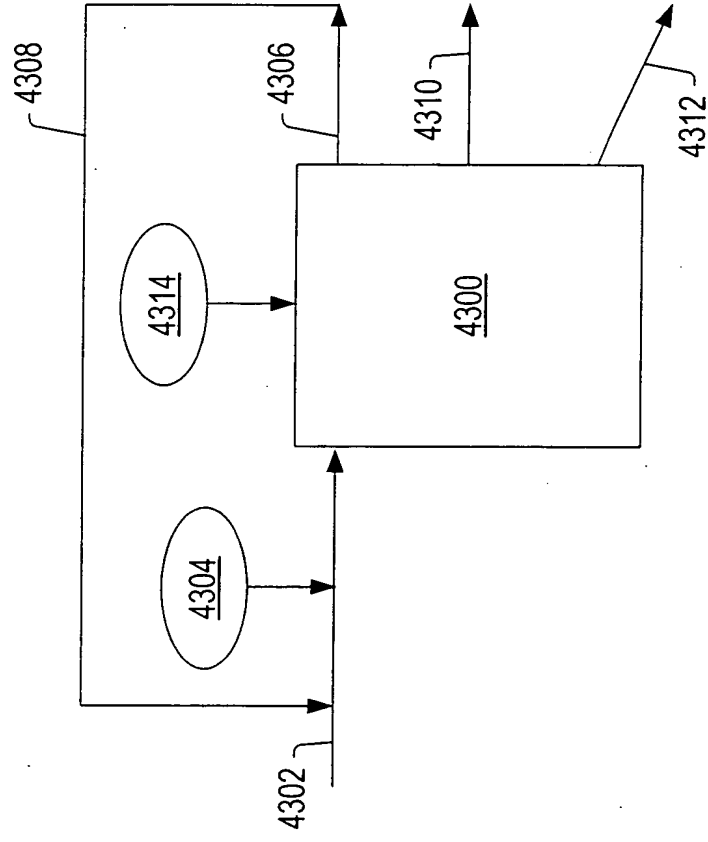


FIG. 126

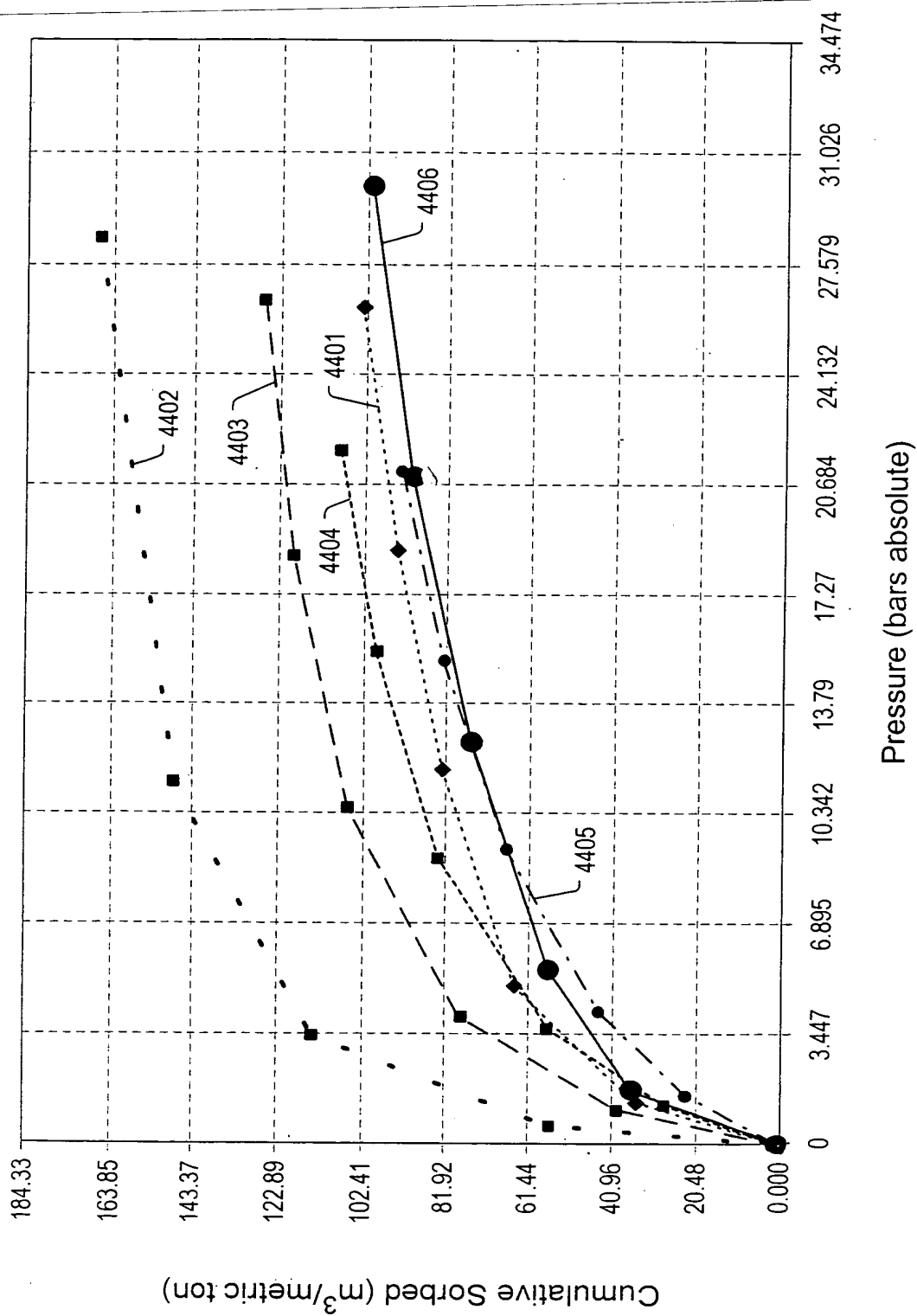


FIG. 127

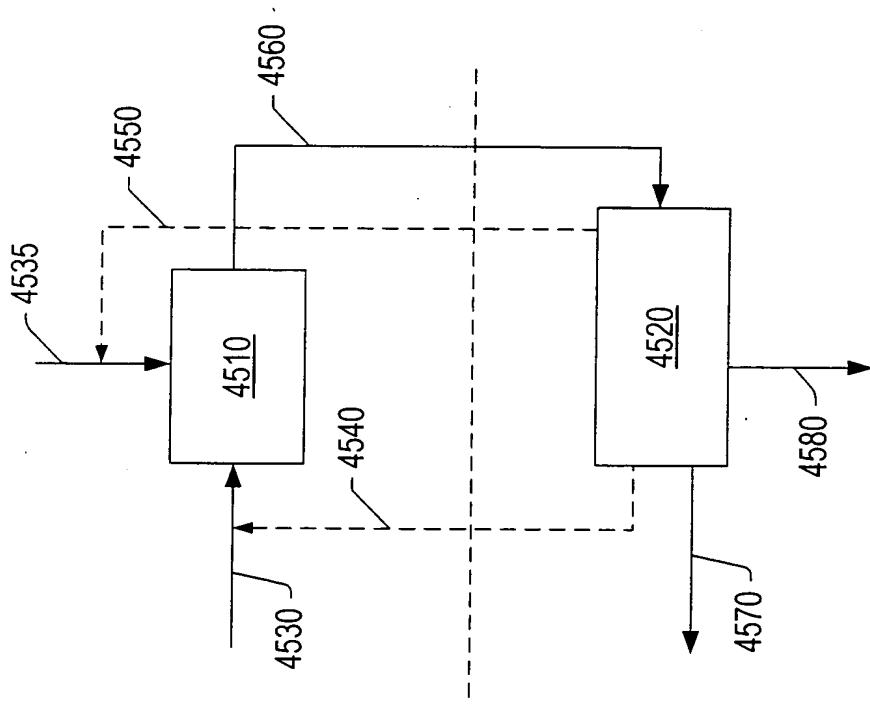


FIG. 128

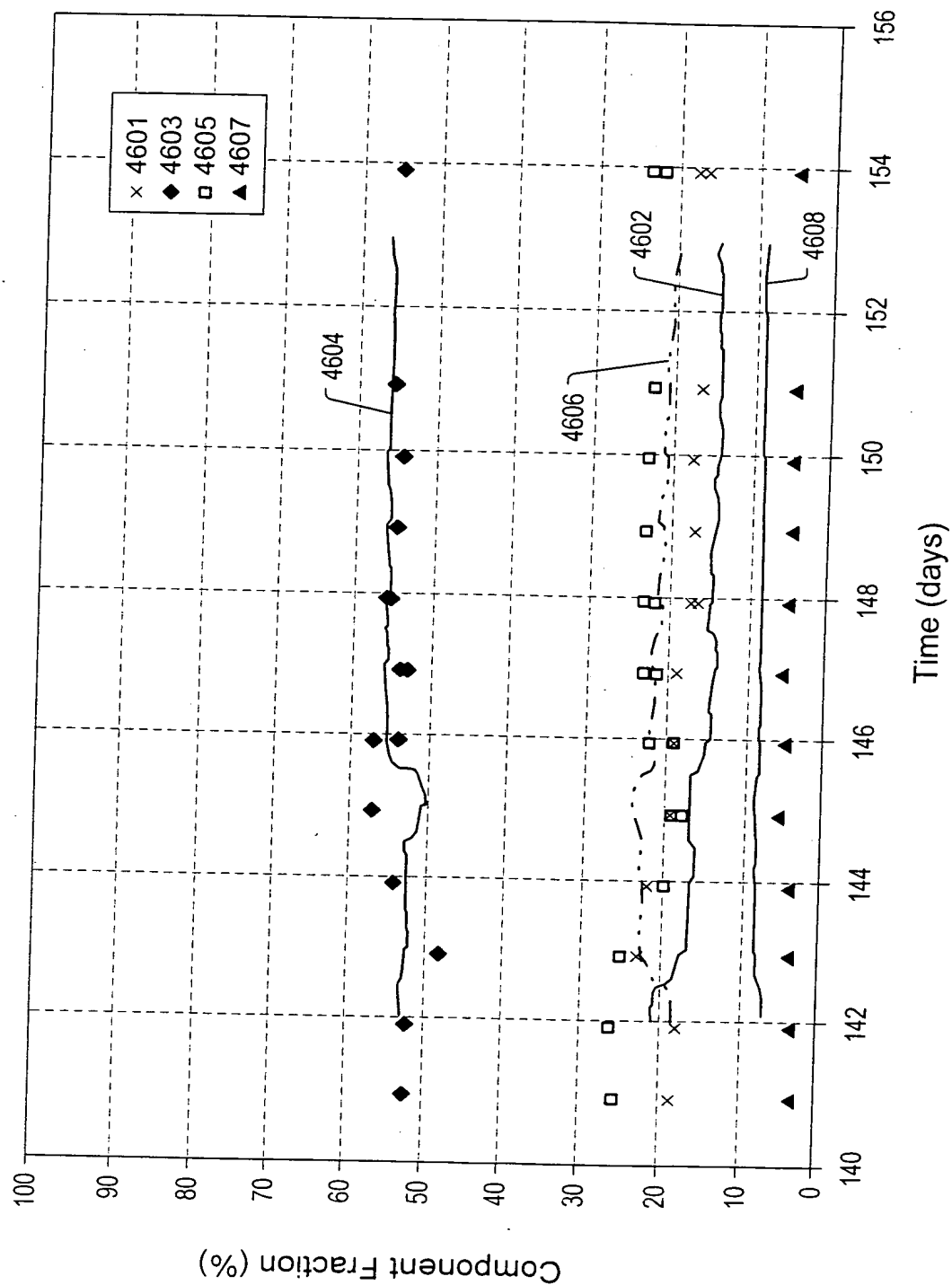


FIG. 129

FOOTNOTES

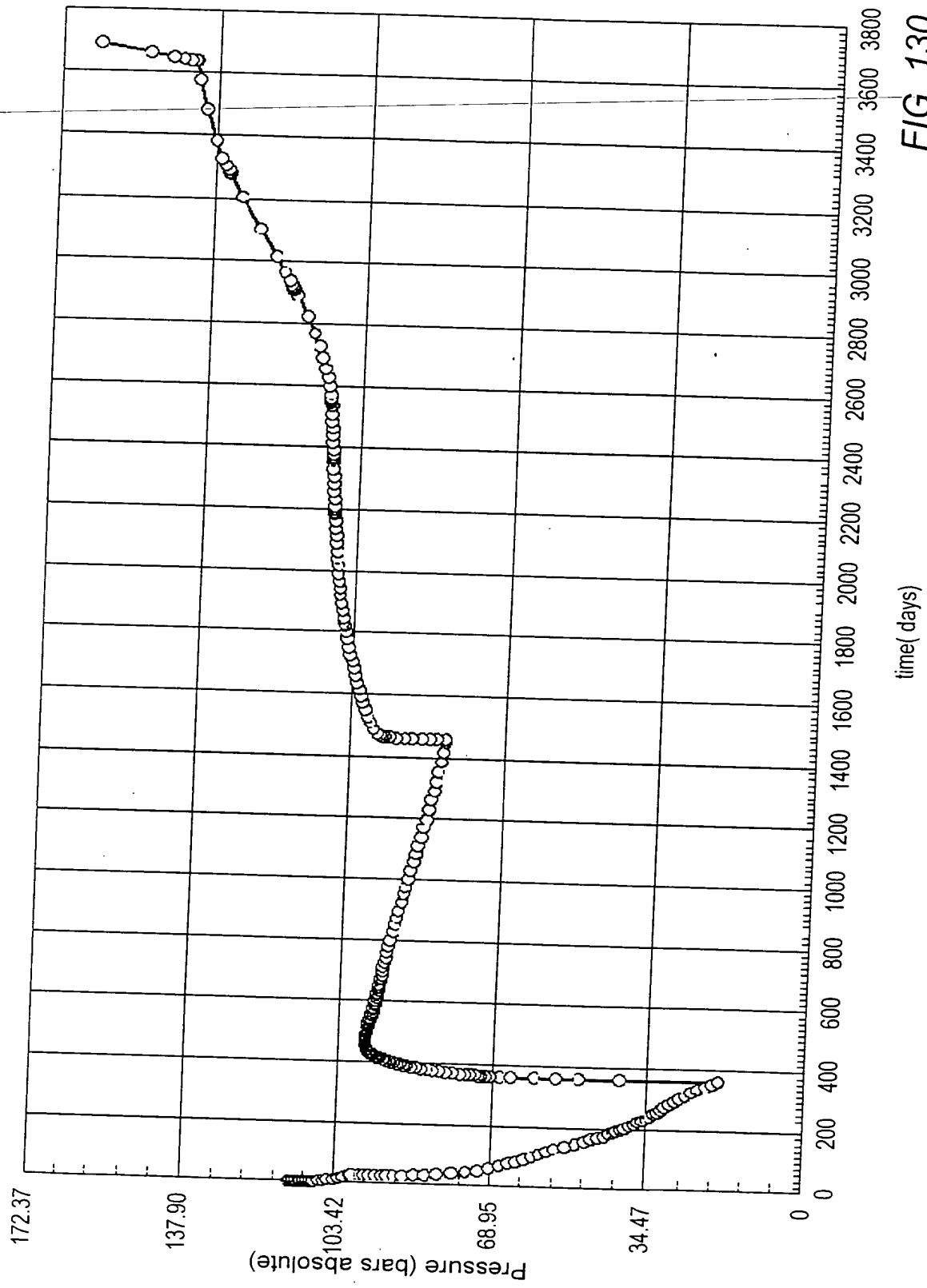


FIG. 130

T01240" T90T4860

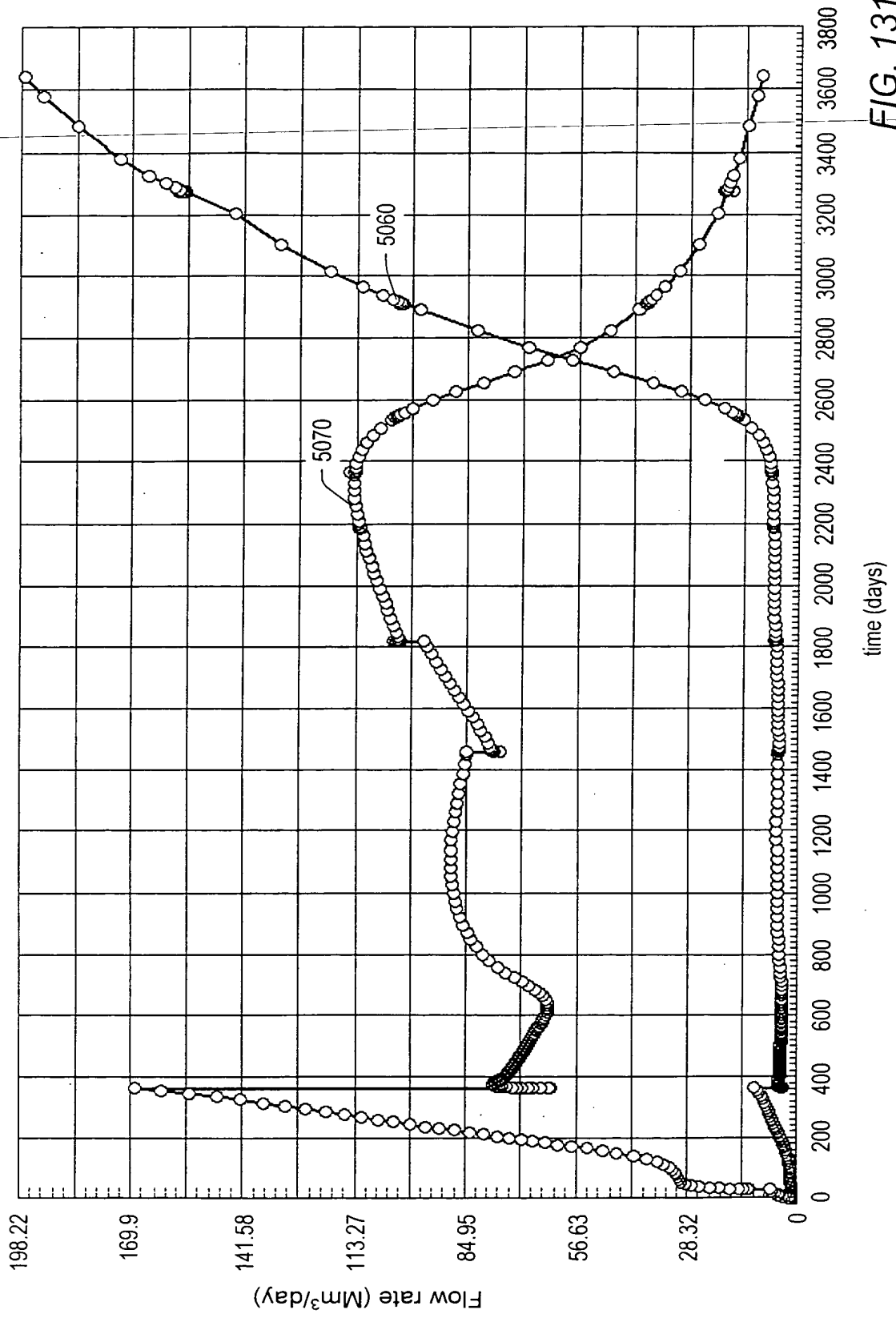


FIG. 131

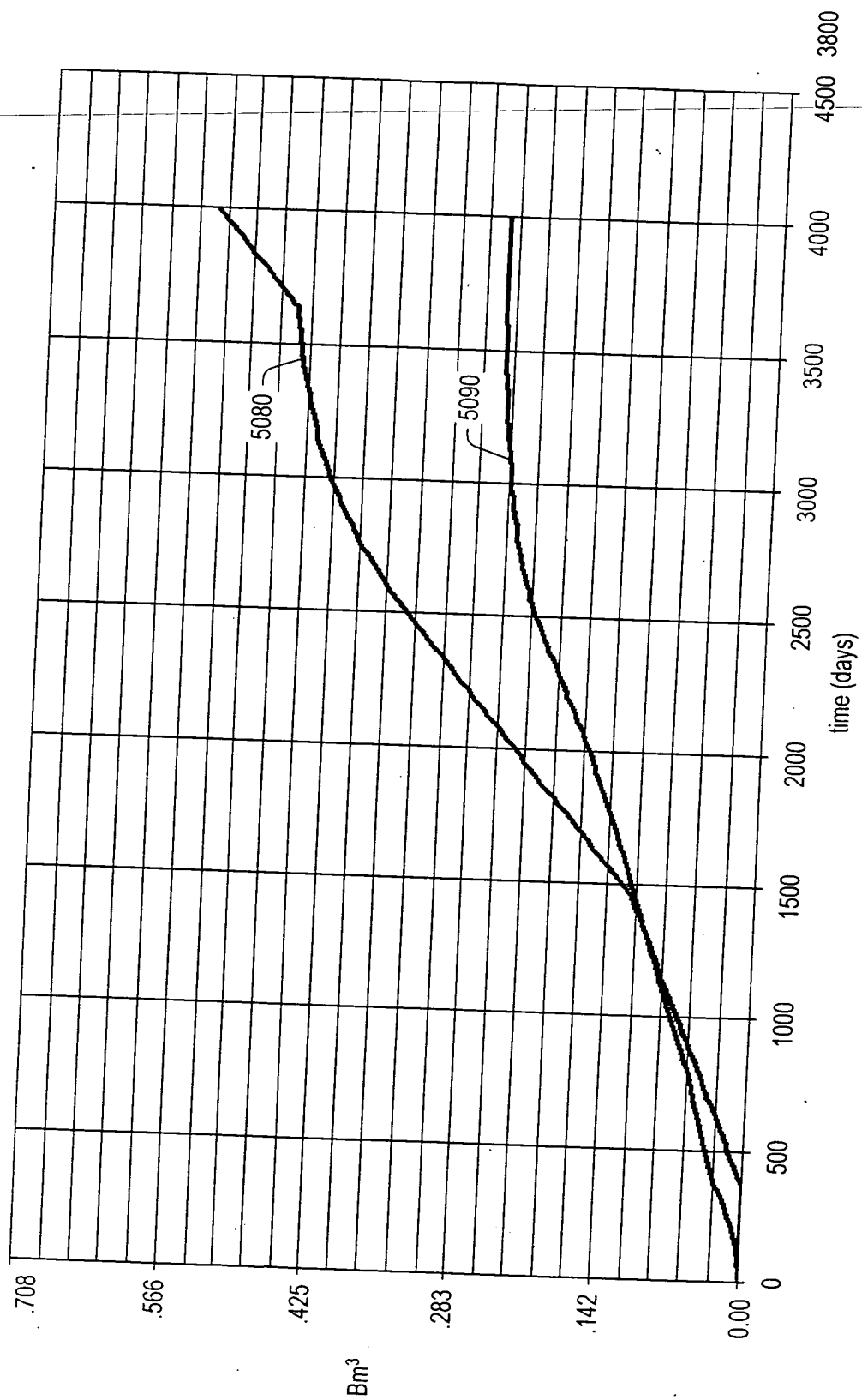


FIG. 132

FOOTHEAD

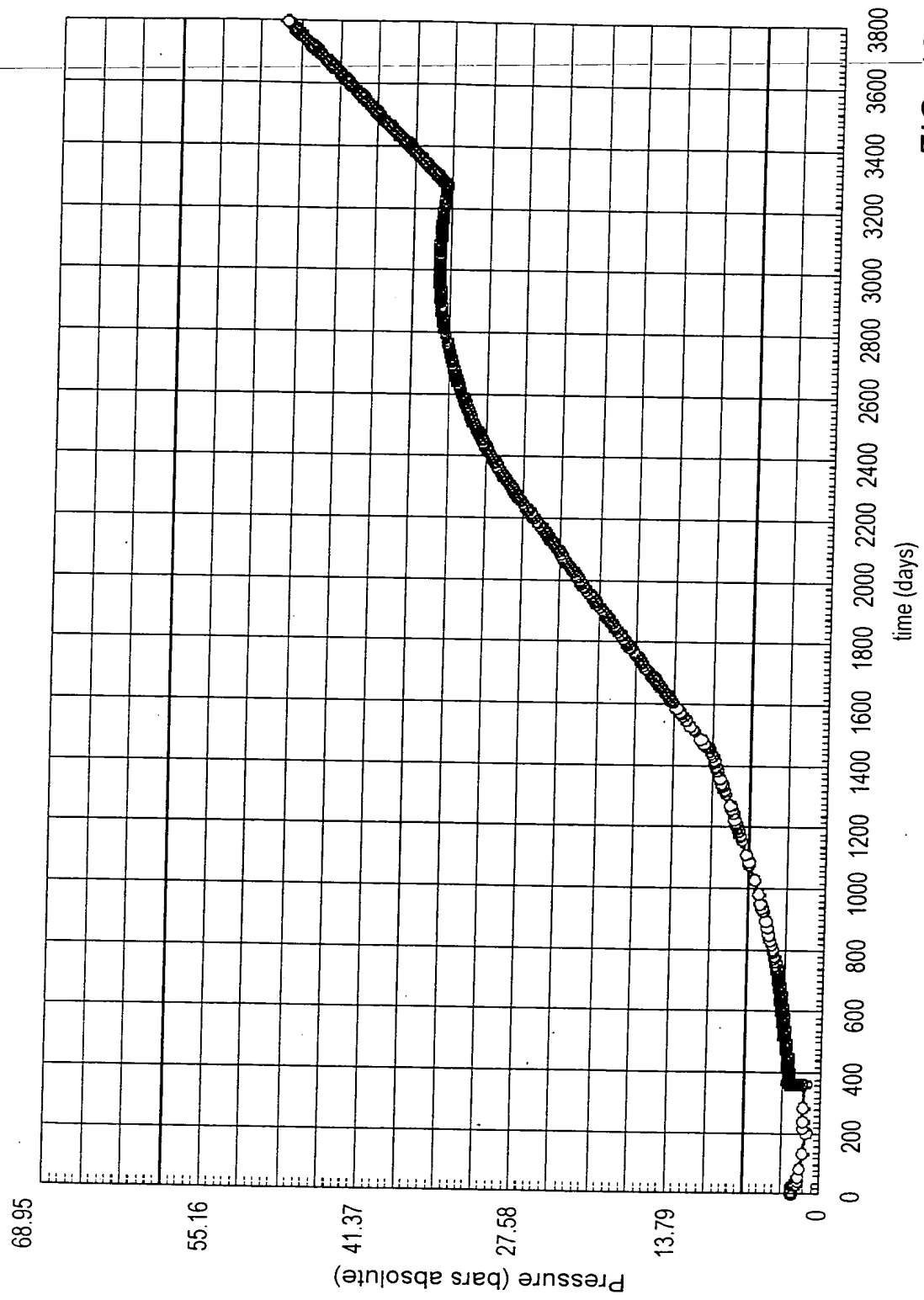


FIG. 133

FIG. 134

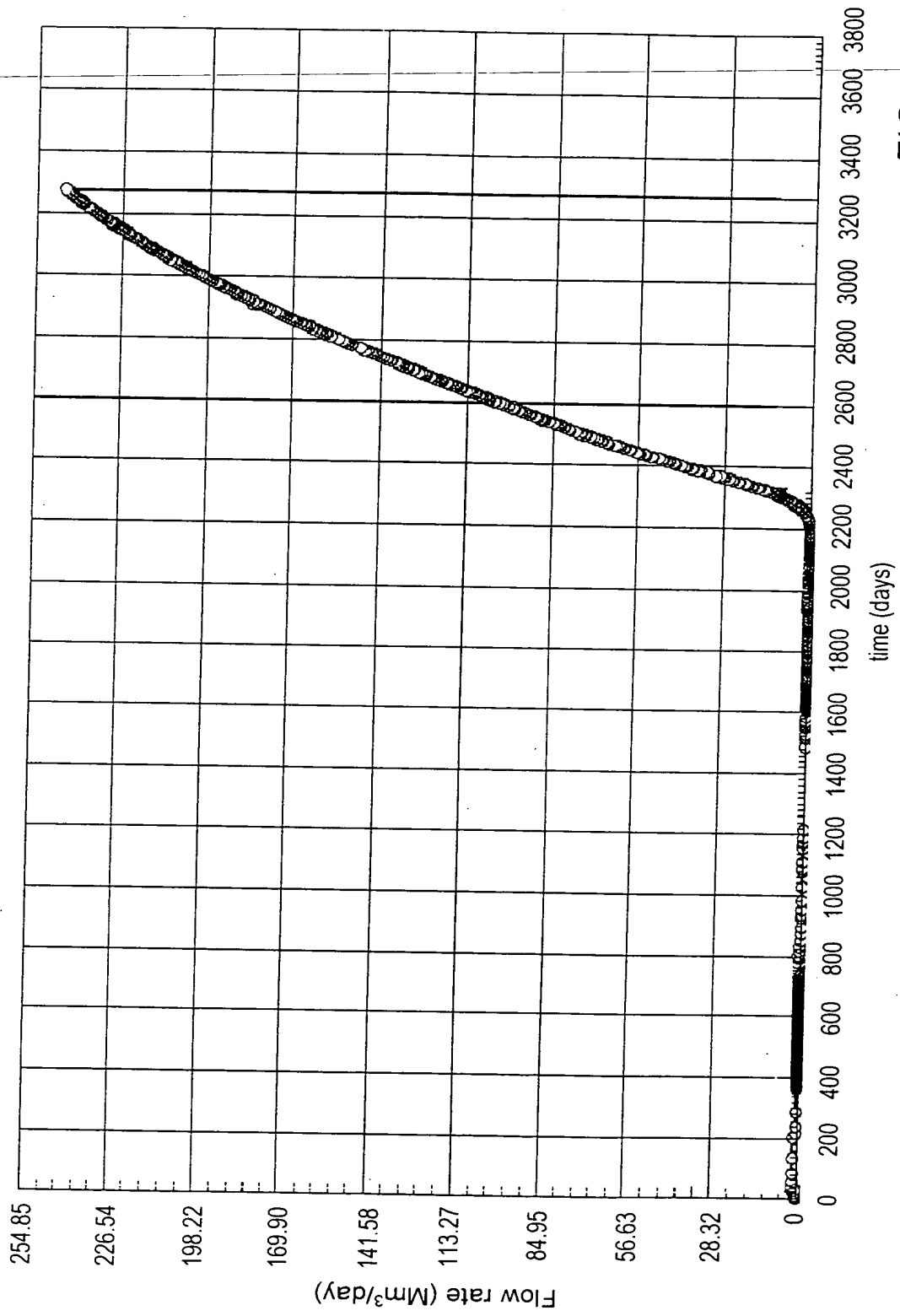


FIG. 134

FIG. 135

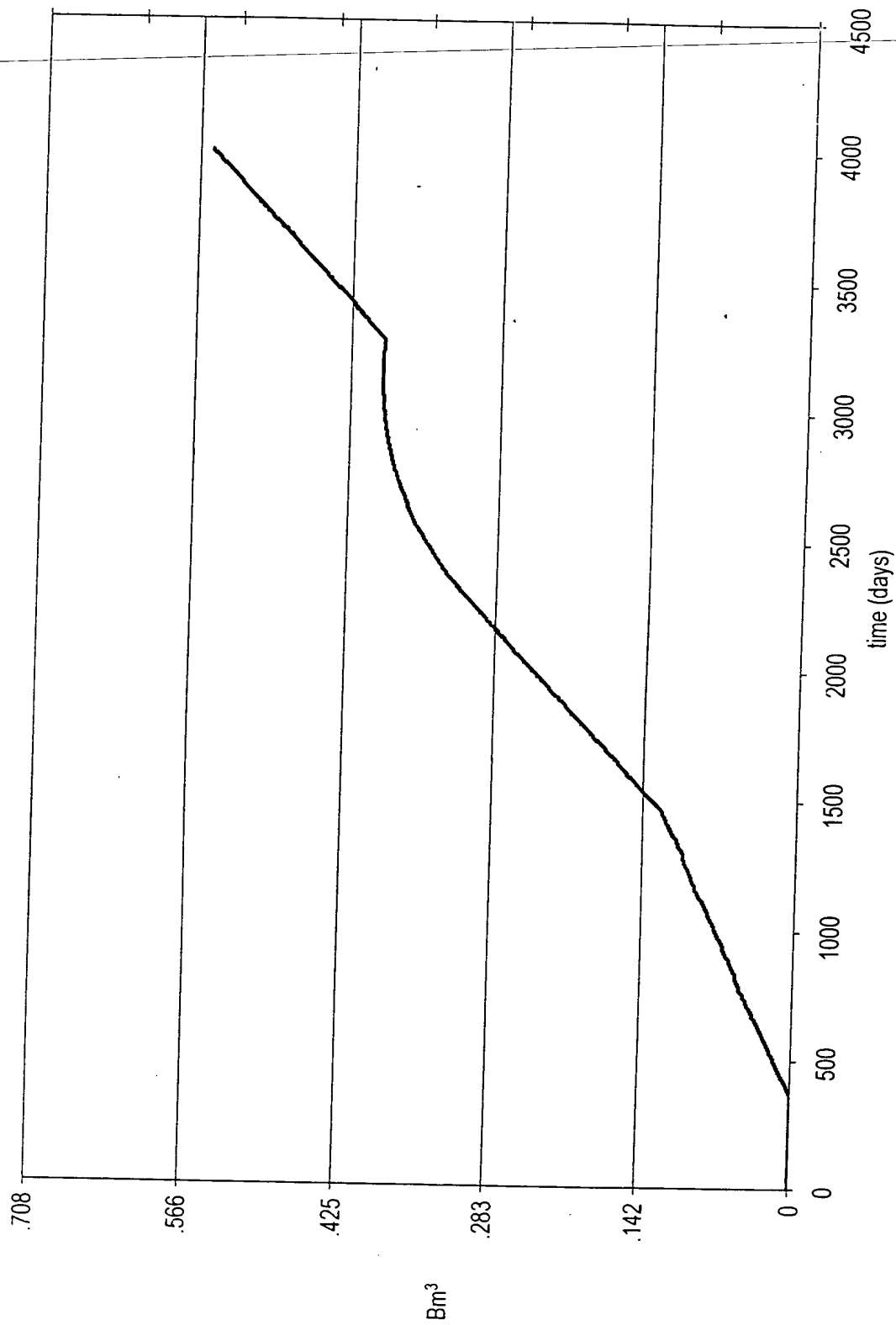


FIG. 135